Arrow Operating Co. DRILLING - COMPLETIONS - WORKOVERS



P.O. BOX 3297 GRAND JUNCTION, CO.

PHONE (303) 245-1598



February 17, 1978

Mr. Cleon Feight Division of Oil, Gas, and Mining 1588 West North Temple Salt Lake City, Utah 84116

> Re: Enserch Exploration Company Well No. Crooked Canyon Fed 1-17 Sec 17-10S-23E Uintah County, Utah

Dear Mr. Feight:

Attached is an application for permit to drill the above named well.

It was necessary to locate this well as an exception to Rule C-3 for topographical reasons. The staked location is located on a narrow ridge sloping NE and to move any direction would interfere with drainage.

I hope this is specificient information to approve this location as

staked.

Yours very truly,

W. A. McAdam

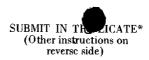
Drilling Supervisor

Enserch Exploration Company

Form OGC-1a

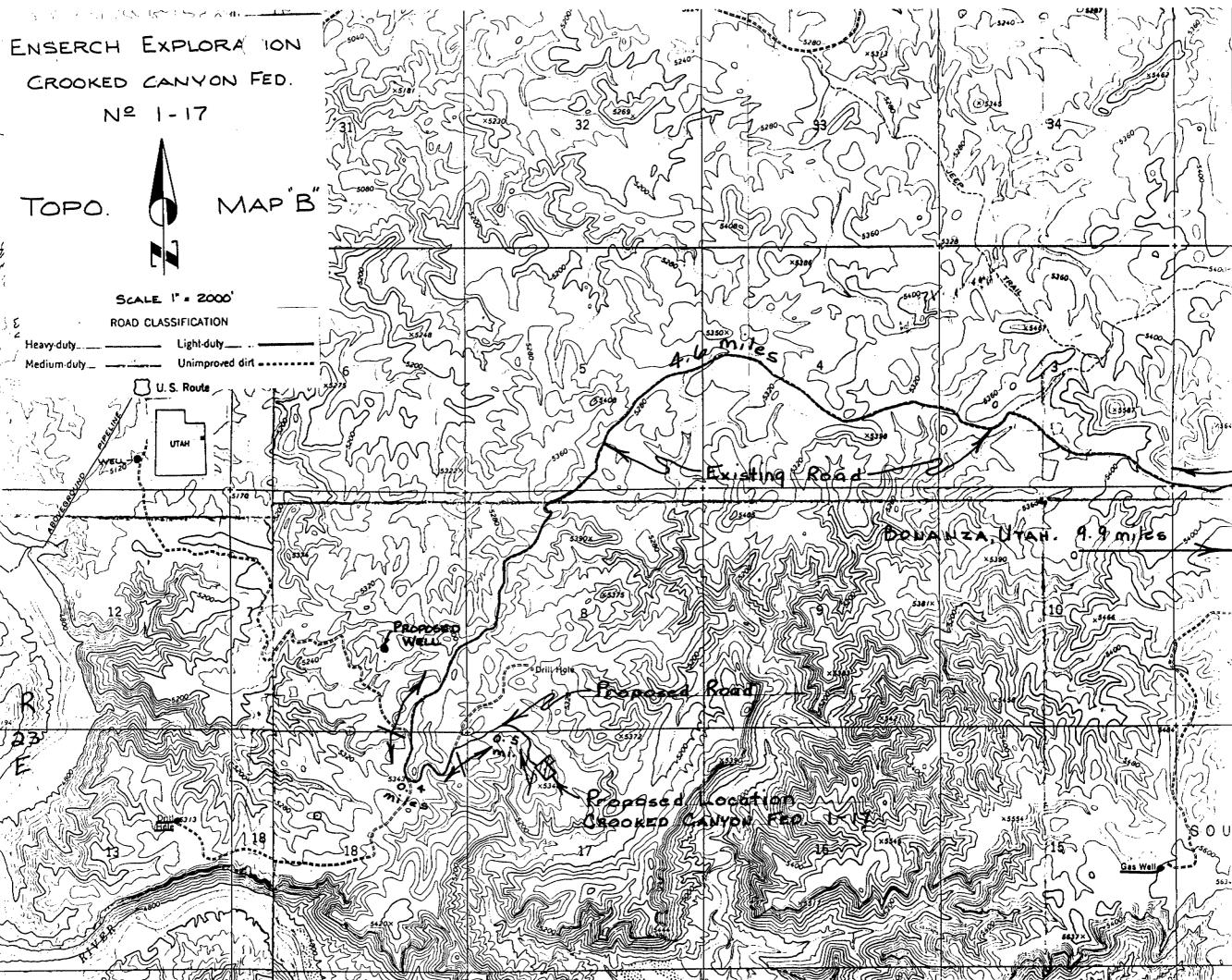
Conditions of approval, if any:

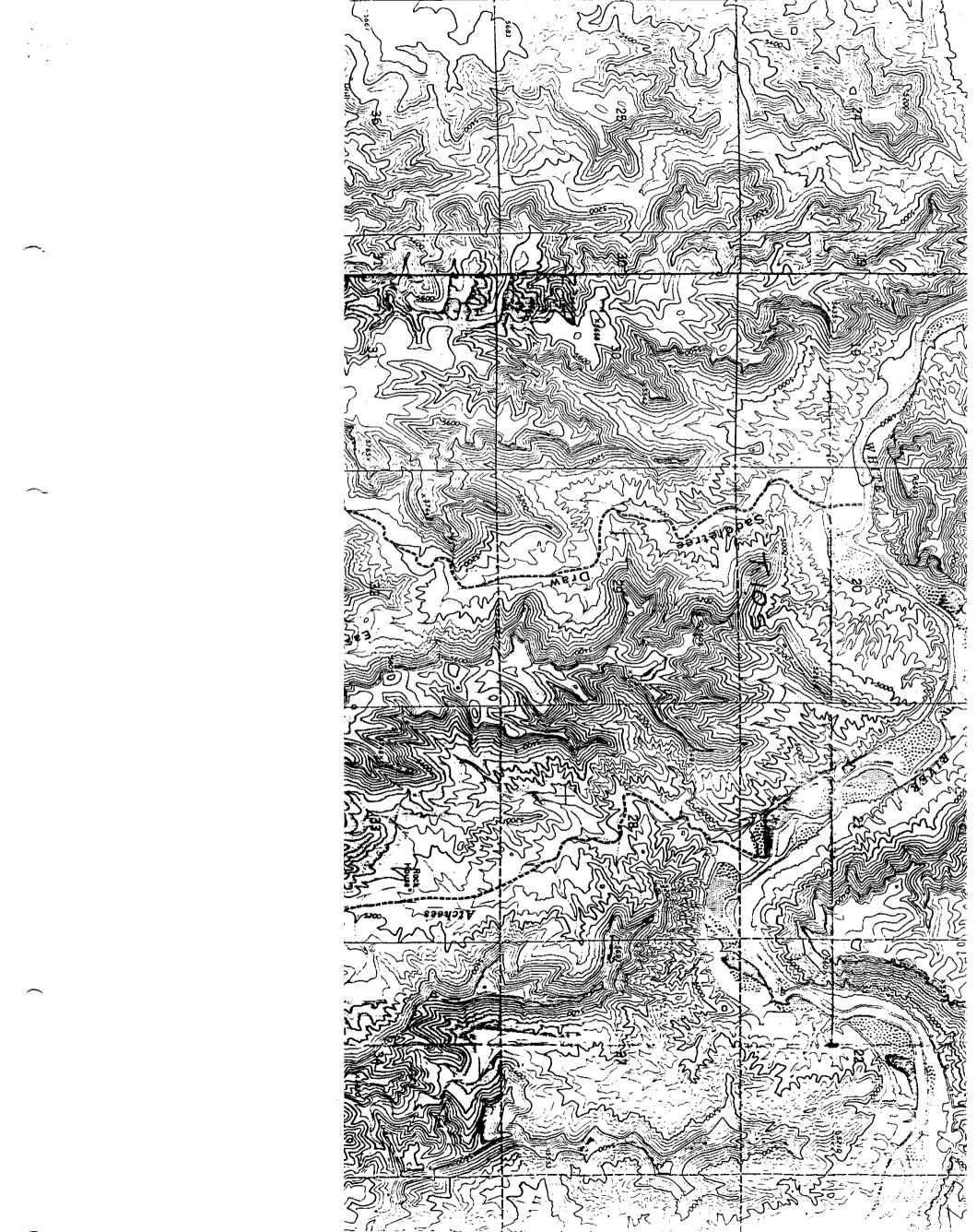
STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING

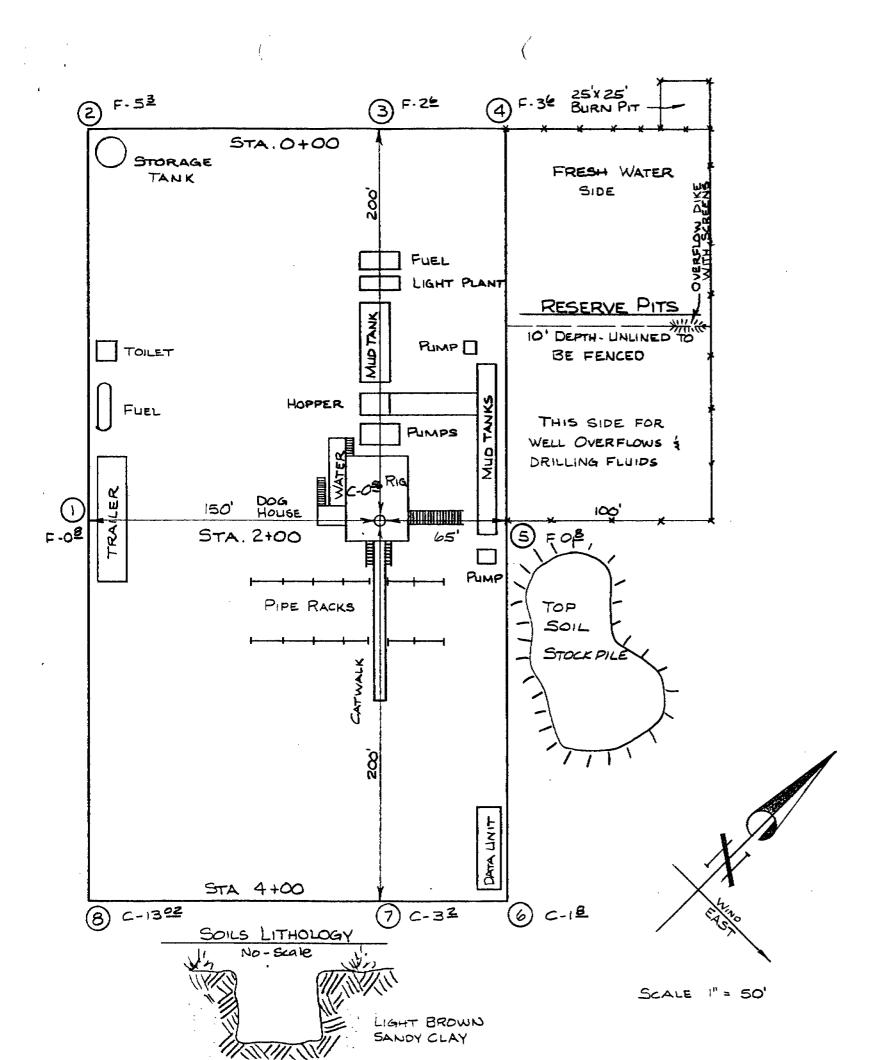


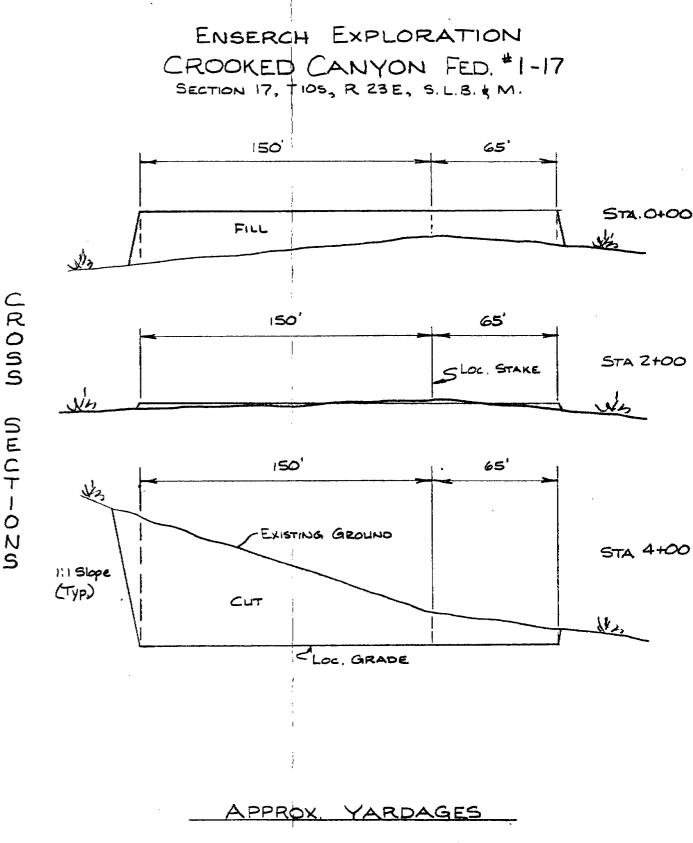
5. L	ease Desi	gnation	and	

APPLICATION FO	D DEDAAIT	TO DOLL DEE	DENI OD DILI	C D A C V	6. If Indian, Allottee or Tribe Name
Ja. Type of Work	JK PEKMII	TO DRILL, DEE	PEN, OR PLU	BACK	-
DRILL X]	DEEPEN [PLUG	ВАСК 🗌	7. Unit Agreement Name
h. Type of Well Oil Gas Well Well	1		Single X	Multiple	8. Farm or Lease Name
Well Well Well X	Other	<u></u>	Zone A	Zone L	- Crooked Canyon Feder
Enserch Exploration	on Co.				9. Well No.
3. Address of Operator					1-17
Empire Central Bl	dg., 7701 N	. Stemmons Free	way, Dallas,	Tex. 7524	47 ^{0.} Field and Pool, or Wildcat Bonanza
1. Location of Well (Report loc At surface	ation clearly and in	accordance with any Sta	ate requirements.*)		<u>Bonanza</u>
863 FNL 1689 F(WL Sec 17-	10S-23E			11. Sec., T., R., M., or Blk. and Survey or Area
At proposed prod. zone		V			Sec 17-10S-23E
4. Distance in miles and direct	ion from nearest to	own or post office*			12. County or Parrish 13. State
1 × 100		1			Uintah Utah
15. Distance from proposed* location to nearest		16.	No. of acres in lease		of acres assigned is well
(Also to nearest drlg. line, it			1920		1920
 Distance from proposed loca to nearest well, drilling, con or applied for, on this lease, 	onleted.	19.	7,000		ry or cable tools O <i>tary</i>
1. Elevations (Show whether Di	F, RT, GR, etc.)				22. Approx. date work will start*
5335 GA	ኒ				March 10, 1978
3.		PROPOSED CASING A	ND CEMENTING PRO	GRAM	.*
Size of Hole	Size of Casing	Weight per Foot	Setting Depth		Quantity of Cement
17 1/2	13 3/8	48.0	300	Su	fficient to Circulate
7 7/8	4 1/2	11.6	7000		66. to cover prod. zones
drilling fluid to ond head and 12"; 1000 psi. BOP wi	test all z x 3000# dou ll be check vill be plu	ones through th blegate and sph ed daily. If t gged according	ie Mesa Verde verical BOP wi the well is pr to USGS requi	formation ll be ins oductive, rements.	ter and salt base mud n. A 12" x 3000# weld- stalled and tested to , casing will be run. Location will be r erected.
N ABOVE SPACE DESCRIBE uctive zone. If proposal is to reventer program, if any.	PROPOSED PROG drill or deepen dire	RAM: If proposal is to etionally, give pertinent d	deepen or plug back, g lata on subsurface locat	ive data on pres	sent productive zone and proposed new pro tred and true vertical depths. Give blower
for Enserch Ex	inloration (~a			
Signed Led-Com	allow		Drilling Sup	ervisor	Date 2-16 28
(This space for Federal or St					
Permit No. 43-04	47-3036	9	Approval Date		•••••
Approved by		Title			Date









Cut: 5,635 Cu. YDS. FILL: 3,398 Cu. YDS.

** FILE NOTATIONS **

Darce: Feb. 24 1978
Operator: Enserch Exploration Company
Well No: Crocked Caryon Federal 1-17
Location: Sec. 17 T. 10 S R. 23 E County: Vin Fall
File Prepared: // Entered on N.I.D.: // Card Indexed: // Completion Sheet: //
API NUMBER: 43-547-30369
Administrative Assistant August Acc. 17— Remarks: 10 Ottob Webs Acc. 17— Petroleum Engineer
Remarks: Remarks:
INCLUDE WITHIN APPROVAL LETTER:
Bond Required: Survey Plat Required: // Order No/ Surface Casing Change // to
Rule C-3(c), Topographic exception/company owns or controls acreage within a 660' radius of proposed site / //
O.K. Rule C-3 / O.K. In
Other:
Letter Written/Approved

February 28, 1978

Enserch Exploration Co. c/o Arrow Operating Company Box 3297 Grand Junction, Colorado

> Re: Well No. Crooked Canyon Fed. 1-17 Sec. 17, T. 10 S, R. 23 E,

Uintah County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PATRICK L. DRISCOLL - Chief Petroleum Engineer HOME: 582-7247

OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The api number assigned to this well is 43-047-30369.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT Director

cc: U.S. Geological Survey

SUBMIT IN TRIPLICATE* (Other instructions on reverse side

Form approved. Budget Bureau No. 42-R1425.

UNITED STATES

Į	5.	I.EASE	DESIGNATION	AND	SERIAL	NO
		U-3	7355			

	DEPARTMENT GEOLO	OF THE		RIOR			5. LEASE DESIGNATION AND SERIAL NO. U-37355
APPLICATION	N FOR PERMIT	TO DRILL,	DEEP	EN, OR PL	UG B	ACK	6. IF INDIAN, ALLOTTER OR TRIBE NAME
ta. TYPE OF WORK DRI b. TYPE OF WELL	LL 🛛	DEEPEN		PLU	G BA	CK 🗆 į	7. UNIT AGREEMENT NAME
OIL GA	S OTHER		8 Z	INGLE 💍	MULTIP Zone	LE [8. FARM OR LEASE NAME
. NAME OF OPERATOR	A+4	_				-	Crooked Canyon Federal
Enserch Explo	ration 🚧 , I	16				,	9. WELL NO.
Landress of Operator	0 701- 7701				T		1-17
LOCATION OF WELL (Re At surface	L Bldg., 7701 l	In accordance w	th any	State requirement	us, 1	ex. 247	Bonanza
1863 FNL 168	9 FWL Sec 17-	10S-23E					11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
At proposed prod. zone	e					•	Sec 17-10S-23E
4. DISTANCE IN MILES A	ND DIRECTION FROM NEA	BEST TOWN OR PO	ST OFFIC	E.			12. COUNTY OR PARISH 13. STATE
15. DISTANCE FROM PROPO	SED*		1 16 N	O. OF ACRES IN L	FAOR	1 17 NO 6	Unitah Utah DE ACRES ASSIGNED
LOCATION TO NEAREST PROPERTY OR LEASE LI (Also to nearest drlg	INE, FT.		10	1920	, v		HIS WELL 1920
8. DISTANCE FROM PROPO TO NEAREST WELL, DE OR APPLIED FOR, ON THE	HLLING, COMPLETED,	_	19, PI	7,000			RY OR CABLE TOOLS
1. ELEVATIONS (Show whe 5335 G/L.	ther DF, RT, GR, etc.)	* (819)		· · · · · · · · · · · · · · · · · · ·	· · ·	-	22. APPROX. DATE WORK WILL START* March 10, 1978
3.	I	ROPOSED CASI	NG ANI	CEMENTING	PROGRA	м	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER	TOOT	SETTING DE	PTH		QUANTITY OF CEMENT
_1.7 1/2	13 3/8	48.0		300		Suf	6. to circ.
7 7/8	4 1/2	11.6		7000		Sufi	f to cover prod. zones
drilling flui on head and 1 1000 psi. BO If not, the w restored as p	d to test all : 2" x 3000# dou! P will be chec!	cones throughten and according to the season and the season and the season and the season are the season as to deep the season are the season	igh ti I sphi I sphi iding a rej	ne Mesa Ve erical BOP the well i to USGS rigulation d	rde fi will s projection ryhol	ormatic be ind ductive ements, e marke	ater and salt base mud on. A 12" x 3000" weld- stalled and tested to e, casing will be run Location will be er erected. uctive zone and proposed new productive is and true vertical depths. Give blowout
for Ense		6 1 1	<u> </u>	Drilling S			· .
(This space for Feder	al or State office use)	Tir.	FLE		apo co		DATE 2-43-28
PERMIT NO.	ar or state outce use)			APPROVAL DATE			
	g. Sgd.) E. W. G		rt.R	STRICT EN	GINEE	.R ,_	110 7 1070
CONDITIONS OF APPROVA	L, IF ANY: COND	ITIONS OF	Ψοσο	OVAL ATTA	CHEE	NECES!	SARY FLARING OF GAS DURING

State O+G-Utah

DRILLING AND COMPLET ON APPROVED SUBJECT TO ROYALTY (NTL-4)

*See Instructions On Reverse Side

GEOLOGICAL CASING AND BOPE DATA

- 1. Surface Formation Winta
- 2. Estimated tops of important geological markers:

Green River	. 1320
Wasatch	4130
Mesa Verde	5300

3. Expected mineral-bearing formations:

Mesa Verde

530**0**

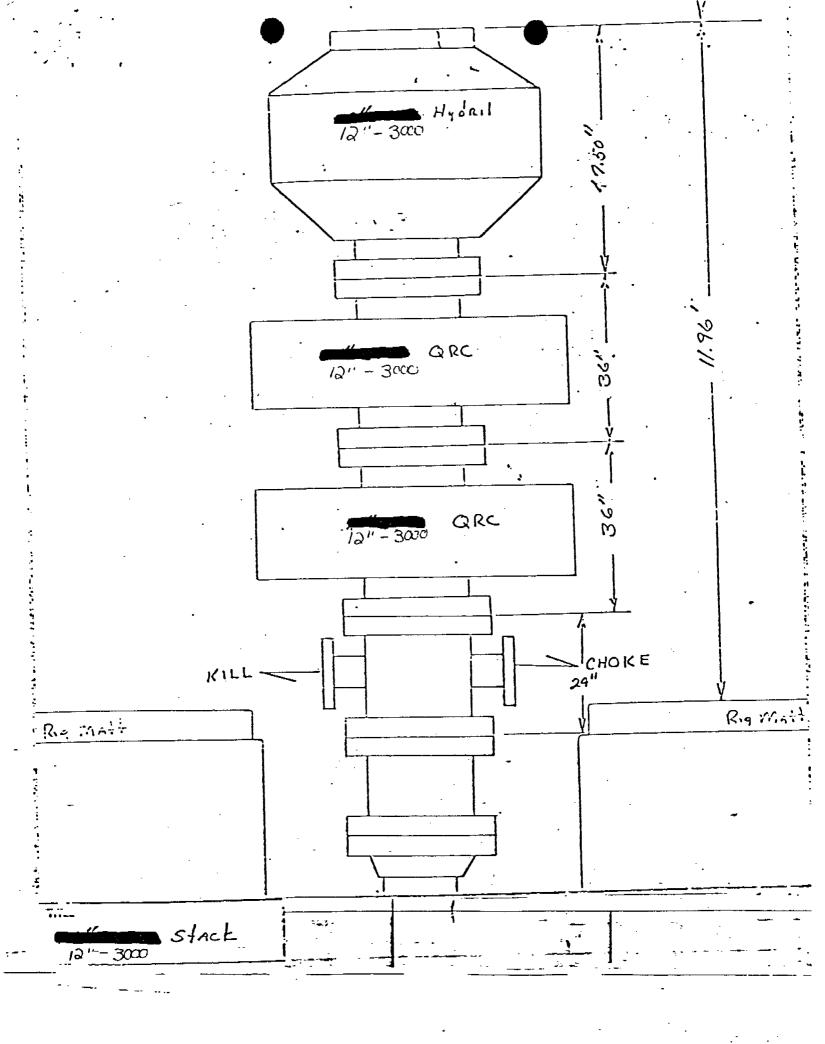
4. Proposed casing program:

Surface Casing - New 13 3/8 48.0# H-40 ST&C 300'
Intermediate (if needed) New 8 5/8" 24.0# K-55 LT&C 2,000'
Production Casing - New 4 1/2" 11.6# N-80 LT&C 7.000'

- 5. Blowout preventors:
 - A. 12" x 3000# Shafer blowout preventor & Hydril with choke and kill lines.
 - B. Pressure test to 1000 psi before drilling out below the surface casing. Test operation of the BOPE on each trip.
- 6. Circulating medium.
 - A. Surface to 300' fresh water, native mud with gel.
 - B. 300' to 4130' fresh water.
 - C. 4130' to TD salt based mud
- 7. Auxiliary Equipment:
 - A. Kelly Cock
 - B. Float at bit
 - C. Full-opening quick-close drill pipe value on derrick floor at all times.
- 8. Testing, logging and coring procedures:
 - A. Cores none planned
 - B. Tests Possible DST Wasatch and Mesa Verde
 - C. Logging Dual Induction Laterolog, Formation Density and Compensated Neutron
- Anticipated hazards:

No abnormal pressures or temperatures, hydrogen sulfide or other drilling hazards are anticipated.

10. Anticipated starting date - March 10, 1978



NELSON J. MARSHALL PHONE 789-0272

PHONE 789-1795

LAWRENCE C. KAY PHONE 789-1125 OFFICE LOCATION 110 E. FIRST SOUTH

PHONE 789-1017





27 February 1978

The State of Utah Department of Natural Resources Division of Oil, Gas and Mining 1588 West North Temple Salt Lake City, Utah 84116

Attn: Pat Driscoll

Dear Sir:

Enserch Exploration proposes to drill a gas well in Section 17, T10S, R23E, S.L.B.&M. ThisSection is not in a unit, therefore it is governed by spacing as given in Rule C-3 in your handbook.

In this case we are asking for approval of an unorthodox location due to bad terrain in the vicinity of the true location. The proposed well will be 863' FNL and 1689' FWL in said Section.

Sincerely,

Gene Stewart Consultant

Ine Stewart



March 10, 1978

United States Department of Interior Geological Survey 8440 Federal Building Salt Lake City, Utah 84138

Usual Environmental Impact Analysis

Lease No. <u>U-37355</u>	•					
Operator Enserch Exploration Company	Well No. <u>1-17</u>					
Location 863' FNL, 1689' FWL Sec	. <u>17 R.23E</u>					
County <u>Uintah</u> State <u>Utah</u>	Field Bonanza					
Status: Surface Ownership Public	Minerals <u>Public</u>					
Joint Field Inspection Date March 1, 19	78					
Participants and Organizations:						
W. A. McAdams	Enserch Exploration					
Steve Ellis	Bureau of Land Management					
Stacey Stewart	Uintah Engineering					
Earl Cady	Ross Construction					
Wayne Howell	Archaeologist					
Gary England	Bureau of Land Management					
Related Environmental Analyses and Refe	rences:					
(1) Vernal District Oil & Gas EAR, Bur	eau of Land Management					
(2) Unit Resource Analysis, Bonanza Planning Unit, Bureau of Land Management						
(3) White River Shale Project, Detaile	ed Development Plan					
Analysis Prepared by: John T. Eva Environment Salt Lake C	al Scientist					

Proposed Action:

The Operator has submitted an Application for Permit to Drill, Form 9-331C, on February 14, 1978, with a 10-Point drilling and 13-Point surface use programs which are on file with USGS, Oil and Gas Operations, Salt Lake City, Utah.

The Operator proposes to drill a gas test well with rotary tools to about 7,000 feet T.D. to explore and develop potential hydrocarbon reserves in the Mesa Verde formation.

The Operator proposes to construct; a drill pad 215 feet by 400 feet, a reserve pit 100 feet by 200 feet by 10 feet, a new access road 18 feet wide by 2600 feet long and to place production facilities on the disturbed area of the drill pad.

The Operator plans to upgrade an existing road to a 18' wide road by 0.4 miles. The operator proposes to rehabilitate disturbed areas upon completion of operations and areas not needed for production.

If production is established, a plan for a gas flow line will be submitted to the appropriate agencies for approval.

The anticipated starting date is March 10, 1978 and duration of drilling activities would be about 40 days.

Geology:

The proposed well site (See Exhibit 1, A and B) is in eastern portion of the Uintah Basin sub-province of the Colorado plateau geologic province. Uinta formation is present at the surface. A geologic review of the proposed action has been furnished by the Area Geologist, U.S. Geological Survey, Salt Lake City, Utah (See Appendix.)

Fresh water sands may be present below the proposed surface casing in the Green River formation. The casing and drilling program would be adjusted as necessary to protect any fresh water aquifers encountered during drilling.

Oil shale may be encountered in the Green River formation at approximate depths of 800' to 1300'. Approval of proposed action would be conditioned that adequate and sufficient electric/radioactive/density logging surveys would be made to locate and identify any potential mineral resources. The production casing and cementing programs would be adjusted to assure no influence of the hydrocarbon zones on these minerals. In the event the well is abandoned, cement plugs would be placed with drilling fluid in the hole to assure protection of any mineral resources.

All shows of fresh water and minerals would be reported to the District Engineer. Samples would be taken of any water flows and furnished to the District Engineer for analysis.

The potential for loss of circulation would exist and is possible in sandstone units of the Mesa Verde. A nearby well, Sec. 7, T.10S., R.23E., has experienced loss of circulcation between 1300' to 2000'. The formations effected would be the Green River and Wasatch formations. The operator would be advised of the potential hazards.

Loss of circulation is a condition where drilling fluids are pumped down the well bore and lost to the subsurface formations. Loss of circulation may occur at any depth where total pressure exerted against the formation exceeds the total pressure of the formation.

Normal mud circulation is essential to cleaning of the bottom of the hole, cooling and lubrication of the drill bit, maintenance of the walls of the hole, prevention of entry of formation fluids into the hole, and transportation of cuttings to the surface. Loss of circulation may result in the lowering of mud levels, which might permit exposed upper formations to blow out or cause formations to slough and stick the drill pipe. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation.

The loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep into permeable zones, fissures, fractures, and caverns within the formation to which fluid loss is occuring.

Gilsonite veins are located in the general region of the proposed action. No known deposits are present in the project area.

The Operator drilling, cementing, casing and blowout prevention program have been reviewed by Geological Survey Engineers and determined to be adequate.

There are no known geologic hazards or are any abnormal pressures expected. The seismic risk has been identified as zone 3, the lowest risk group based on historical earthquake occurence. (Reference No. 1.)

Soils:

Top soils in area range from light brownish-gray, sandy clay type soil to poorly graded gravels. The soil associations that occur in the area are #51 and #63 as classified by the Soil Conservation Service. Soils of Assocation #51 occur along the White River. The soils at the drill site are type #63. (Exhibit 2, Reference No. 2.)

No detailed soil survey has been made of the project area. A detailed survey was made in connection with the White River Shale (Reference No. 3) Project, T.10S., R.24E., and the following judgments inferred about the proposed location.

The soil at the proposed site is shallow to very shallow and judged to be stable with a relatively high bearing strength. The soil is fair to poor for roadfill use. The soil is subject to runoff from rainfall and has a high runoff potential and sediment production would be high. The soils are mildly to moderately alkaline and support the salt-desert-shrub community.

Top soil will be removed from the surface and stockpiled. This soil would be spread over the surface of the disturbed areas when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species upon the disturbed areas.

The operator proposes to rehabilitate the location and access roads per the recommendations of the Bureau of Land Management.

Approximately three acres of land will be stripped of vegetation. This would increase the errosional potential. Proper construction practice, construction of water bars, reseeding of slope-cut areas would minimize this impact.

The operator would not push dirt off the top of the small knoll at the drill location and would keep all construction activities on the flat area of the knoll. This would minimize the sediment production from the

drill site. Sediment produced on the disturbed areas would eventually contribute to the sediment load of the White River.

Air:

Detailed air quality and meteorology is also available in the White River Shale Project detailed development plan. Two tables from this report are attached as Exhibits 3 and 4.

Exhibit 3 presents the highest, lowest, and mean temperatures of each month at Bonanza, based on more than 19 years of record. Extremes at Bonanza that have been recorded are 105°F in July and -31°F in January.

Exhibit 4 presents frequency distribution of wind speed for a site on the White River Shale project and should be typical of proposed site.

No specific data on Air Quality is available at the proposed location however; data from the White River Shale project infers that existing air quality relative to federal Ambient Air Quality Standards is good. Two gaseous pollutants probably exceed Federal Air Standards, nonmethane hydrocarbon and ozone. Highnone methane hydrocarbon readings are frequently observed in unpopulated areas throughout the United States and would not be uncommon.

There would be minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads.

Precipitation:

Annual rainfull should range from 8 to 11 inches at the proposed location. At present 12 inches of snow overlies a saturated soil layer. This condition will contribute to unfavorable conditions for construction of roads, drill pads, and other surface disturbing activities. Erosion along roads and off drill pads would be increased significantly. The effects of operating under poor weather conditions can be mitigated by waiting for drier conditions before permitting operations. This may require that the operator bear a heavy financial burden due to rescheduling, paying standby charges and other costs.

Safety of operations may be effected by muddy conditions. The cost of operating under adverse conditions are higher than under "ideal" conditions but, probably cheaper than paying standby charges.

Surface Water Hydrology:

All streams in the project area are drainage elements of White River Basin, sub-basin of the Green River System. The White River drains westward and all streams off the project area drain southward. Detailed data is available in the White River Shale Project detailed development plan.

The proposed project should have minor impact on the surface water systems. Some minor increase in sediment load in the White River would occur from erosion from disturbed areas.

The potential for pollution of the White River would be present from leaks or spills. The operator is required to report and clean up all spills or leaks. Oil is not expected at the proposed test depth.

Ground Water Hydrology:

Some minor pollution of the ground water systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential for communication, contamination and commingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on the hydrologic systems in the area and drilling of this well may provide some basic information as all shows of fresh water would be reported. The Green River Formation is the primary aquifer in the area. Other aquifers may exist such as the Mesa Verde formation. Water production with the gas would require disposal of produced water per the requirements of NTL-2B. Several existing wells in the area have reported produced water with gas.

Fauna and Flora:

Animal and Plant inventory was made by the BLM. No Endangered plants or animals are known to habitate on the project area. Small mammals and rodents are known to habitat in area and deer are known to habitat in the White River bottom. Animals will probably move away from drilling operation due to noise and increased activity and return after drilling activities are complete.

Plants in the area are of the salt-desert-shrub type. Black Sage, Shadscale, Curly Grass, Indian Rice Grass, Sanddrop Seed Grass, and Squirreltail Grass are the dominate species in area.

The proposed action would remove 2-3 acres of vegetation. The removal of vegetation will increase erosional potential and there would be a minor decrease in the amount of vegetation available for gazing.

The operator proposes to rehabilitate the surface upon completion of operations. If the well is a dry hole rehabilitation would start within ninety days of completion of well. Rehabilitation would not occur until after production of well is complete, production may take several years. Areas not needed in production will be rehabilitated per the recommendations of BLM.

Social Economic Effects:

The day of the onsite the operator was melting the snow off the site with steam in order for an archaeologist to make an inspection. The cost of such an operation can run several thousand dollars. The o peration turns the surface into a muddy quagmire, increases construction costs, and the entire procedure is somewhat controversial. After the on-the-ground surface archaeological reconnaissance has been made of the area to be affected by the proposed action, appropriate clearances will be obtained from the surface managing agency. If a historic artifact, an archaeological feature or site is discovered during construction operations; activity would cease until the extent, the scientific importance, and the methods of mitigating the adverse affects can be determined by a qualified cultural resource specialist. The economic effect of one well would be difficult to determine. The overall effect of oil and gas drilling and production activities are significant in Uintah County. There are no occupied dwellings or other facilities of this nature in the general area. Minor distraction from the aesthetics would occur over the lifetime of the project and is judged to be minor. The present use of the area is grazing, recreation and oil and gas activities. Some mining does occur near Bonanza.

The proposed access road would be changed to existing tramroad right-of-way of Enserch as shown on Exhibit 1.

Noise from the drilling operation may temporarily disturb wildlife and people in area; however, noise will subside upon completion of drilling activities to near pre-drilling levels.

Adverse Environmental Effects Which Cannot Be Avoided:

Surface disturbance and removal of vegetation from approximately three acres of land surface for the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emmission from rig engines and support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer additional surface disturbance would be required to install production pipelines. The potential for fires, leaks, spills of gas, oil or water would exist. During construction and drilling phases of the project, noise levels would increase. Potential for subsurface damage to fresh water aguifers and other geologic formations. Minor distraction from aesthetics during the lifetime of the project. If the well produces, an irreplaceable and irretrievable commitment of resources would be made in order to supply man's requirements for an energy source. Erosion potential would be increased if surface disturbing activities occur under certain moisture conditions. Erosion from site would be eventually carried as sediment in the White River.

Alternatives to the Proposed Action:

Not approving the proposed permit--The Oil & Gas Lease grants the lessee exclusive right to drill for, mine, extract, remove, and dispose of all oil and gas deposits.

Deny the proposed permit and suggest an alternate location to minimize environmental impacts. No alternate location on this lease would justify this action.

Determination:

This requested action does not constitute a major federal action significantly affecting the environment in the source of NEPA, Section 102(2)(C).

District Engineer

U.S. Geological Survey Conservation Division Oil and Gas Operations Salt Lake City District

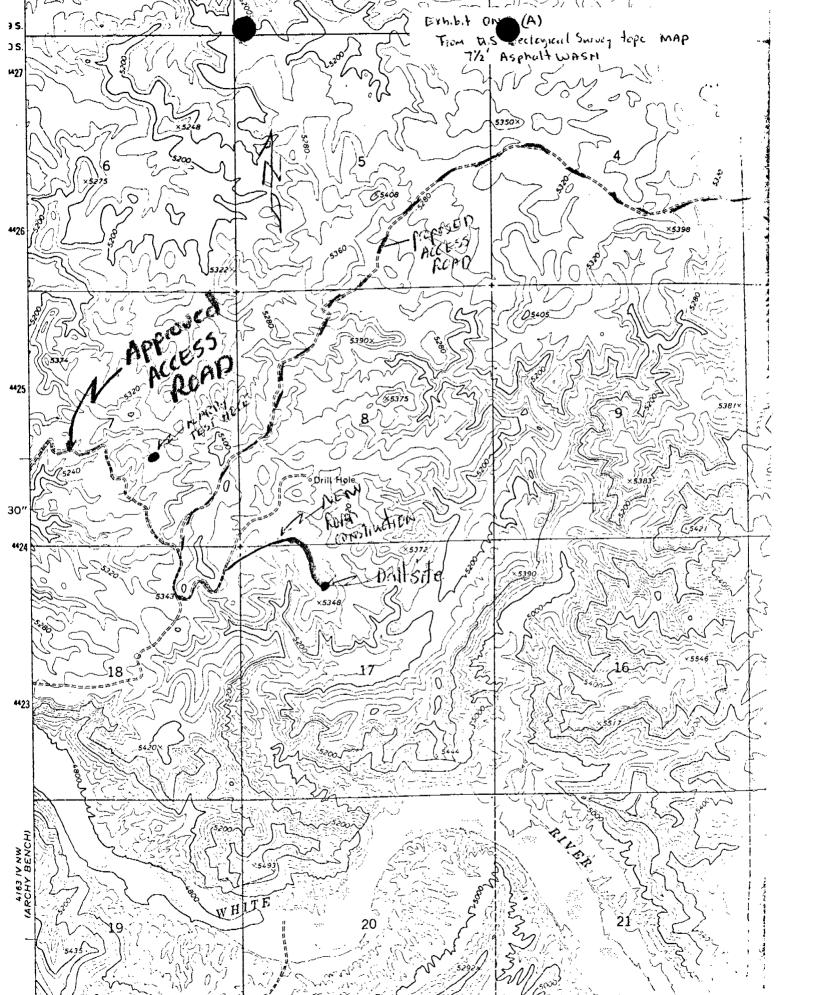
References

- Reference No. 1 J. C. Coffman and Von Huke, "Earthquake History of the United States," U.S. Department of Interior, National Oceanic and Atmospheric Administration Washington, D.C.: Publication 41-1, 1973)
- Reference No. 2 LeMoyne Wilson, Marvin E. Olson, Theron B. Hutchings, Alvin R. Southard, and Austin J. Erickson, "The Soils of Utah" Soil Conservation Service, Utah State University, Logan, Utah, Bulletin 492, 1975
- Reference No. 3 DETAILED DEVELOPMENT PLAN, Federal lease tracts U-a and U-b, White River Shale Project, on file with Area Oil Shale Office of the Department of Interior

Other References

Vernal District Oil and Gas EAR, Bureau of Land Management

Unit Resource Analysis, "Bonanza Planning Unit," Bureau of Land Management, Vernal, Utah



FRC	District Geologist	ilt Lake C	ity, Utah	•	
TO:	District Engineer,	Salt Lake Ci	ty, Utah		
SUE	JECT: ADP supplemental s	tipulations			
Ope	exator: Enserch Explication.			co., UtAL	
Lea	se No. U-37355	NE & N	₩ k sec. 17	T. 105	R. 23E SLA
1.	Operator picked tops are are estimated tops of imp			. If not: The fo	ollowing
	Formation	Depth		Formation	Depth
2.	Possible fresh water agus yes: Surface casing prog aquifers to a depth of ap	gram may requi	ire adjustment	for protection of	fresh water
3.	No If not: The foll hydrocarbons:				
	Unit	Depth		Unit	Depth
	*				
	1 (a.e.	·		.,	
4.	Any other leasable minera DENS/TY 4 SoniC*) w at approximate depths of anticipated OLL Shale will be run through the	els present? Vill be run the SOO to 300 beds.	Yes X, No	If yes: 1. Les Rives [uately locate and** at approxima	ogs (** ! identify
	to leet to ac	гедиатету тоса	ite and identii	y anticipated	
•	** at a	approximate de	epths of	e run through the to feet to	adequately
	<pre>locate and identify antic</pre>	ipated		beds.	
	•				
5.	Any potential problems the temperature, pressure, in	nat should be ncompetent bed	brought to ope ls, H ₂ S)? Yes	rators attention, No If	(e.g. abnormal yes, what?
6.	References and remarks:				
•	* From 10 pt or others as	necessary.	** Members, Fo	 rmations.	,
Dat	te: 2-17-78	•	Signed: 🎾	mp	•

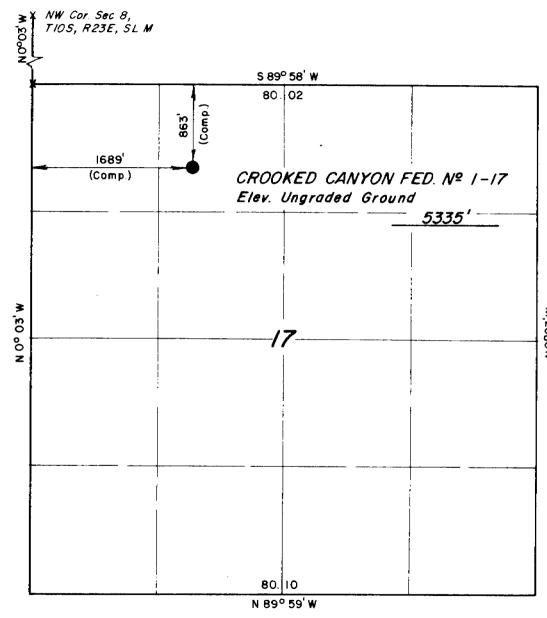


Form approved. Budget Bureau No. 42-R1425.

UNITED STATES OPENATION (Other instruction reverse side) DEPARTMENT OF THE INTERIOR

	DEI VIVI MEN			11011		5. LEASE DESIGNATION	N AND SERIAL NO.
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK					U-37355		
	I FOR PERMIT T	O DRILL,	DEEP	EN, OR PLUG	BACK	6. IF INDIAN, ALLOTTI	CE OR TRIBE NAME
1a. TYPE OF WORK	LL 🛛	DEEPEN	П	PLUG BA	CK 🗆	7. UNIT AGREEMENT	NAME
b. TYPE OF WELL		DELI LIA	نا	I LOG BA	· CN 🗀		<u>.</u> ::
	ELL OTHER			INGLE TO MULTI	PLE .	8. FARM OR LEASE NA	ME
2. NAME OF OPERATOR	_					Crooked Can	yon Federal
Enserch Explo	ration Co.			<u> </u>	ú	9. WELL NO.	
	0 D01- 7701 i		T. a.	nuar Dallar T		7-17	
4. LOCATION OF WELL (Re	L Bldg., 7701 N	in accordance wi	th any 8	way, vactas, i	ex.	10. FIELD AND POOL, BONANZA	OR WILDCAT
At Suriace	9 FWL Sec 17-1		,	, , , , , , , , , , , , , , , , , , ,	7241	11. SEC., T., B., M., OR	BLK.
At proposed prod. zone	(,,	202				- AND SURVEY OR A	REA
	Con					Sec 17-10S-	23E
14. DISTANCE IN MILES A	ND DIRECTION FROM NEAR	EST TOWN OR POS	T OFFIC	E.		12. COUNTY OR PARISE	H 13. STATE
				•		Unitah	Utah
15. DISTANCE FROM PROPO LOCATION TO NEAREST	ı		16. NO	O. OF ACRES IN LEASE		OF ACRES ASSIGNED	
PROPERTY OR LEASE L. (Also to nearest drlg	. unit line, if any)			1920	`	1920	
18. DISTANCE FROM PROPO TO NEAREST WELL, DE OR APPLIED FOR, ON THE	ULLING, COMPLETED,		19. PF	7,000		EX OR CABLE TOOLS	
21. ELEVATIONS (Show whe			<u> </u>	7,000	1 101	22. APPROX. DATE W	ADV WILL GRADE
5335 Gr.					-	March 10,	1978
23.	р	ROPOSED CASI	NG ANI	CEMENTING PROGR	AM		-
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER F	оот	SETTING DEPTH		QUANTITY OF CEME	NT
17 1/2	13 3/8	48.0		300		s. to circ.	
7 7/8	4 1/2	11.6		7000	_ <u> Sub</u> 1	f to cover pro	d. zones
				e ·		***	
drilling flui on head and 1 1000 psi. BO If not, the w restoned as p	oses to drill w d to test all z 2" x 3000# doub P will be check ell will be plu er BLM instruct	ones throu Legate and ed daily. gged accor	gh th I sphe If i ding	ie Mesa Verde erical BOP will the well is pro to USGS requi	Sormation be incoductive cements.	on. A 12" x 3 stalled and te c, casing will Location wi	000" weld- sted to be run.
GA TO THE POSCEIBE	PROPOSED PROGRAM: If p	roposal is to deep	pen or p	lug back, give data on p	resent produ	uctive sone and propose	:- ⊬ ed new productive
zene. In proposal is to d preventer program, if any	rill or deepen directional	ly, give pertinen	t data o	n subsurface locations a	nd measured	l and true vertical dept	hs.∴ Give blowout
24. ; Kor Ense	rch Exploration	Co.				i i i i i i i i i i i i i i i i i i i	
SIGNED			_{CLE} 1	Drilling Super	visor	DATE	
(This space for Feder	s) or State office man)						
43	11-2-066	2					
PARMIT MU.		-	············	APPROVAL DATE	- - -		4 . 17
APPROVED BY	, , ,	TI	LE			DATE	<u>.</u>
CONDITIONS OF APPROVA	L, IF ANY:	7			- h		E

TIOS, R23E, U.S.B.&M.



X = Section Corners Located

PROJECT

ENSERCH EXPLORATION

Well location, CROOKED CANYON FED.

Nº /-/7, located as shown in the NE 1/4

NW 1/4 Section 17, TIOS, R 23 E, S.L.B.&M.

Uintah County, Utah.



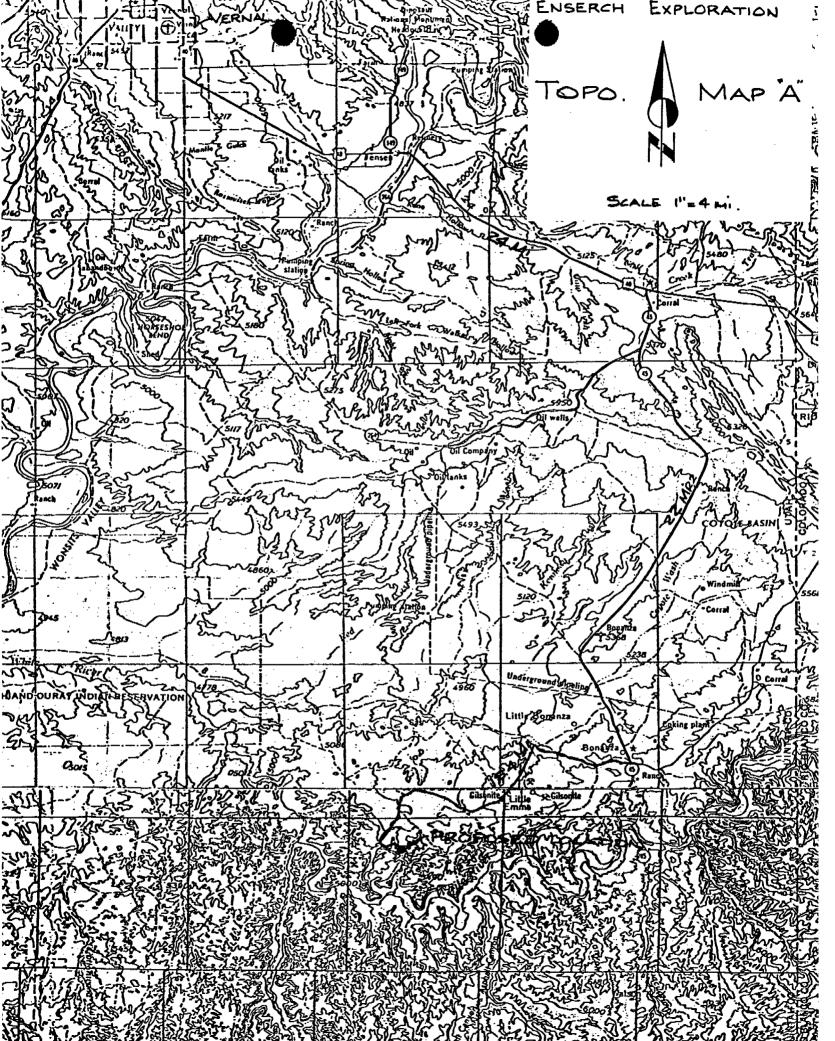
CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLATT WAL PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OPILIANDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

REGISTERED LAND SURVEYOR REGISTRATION Nº 2454

UINTAH ENGINEERING & LAND SURVEYING PO.BOX Q - 110 EAST - FIRST SOUTH VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 2/11/78
PARTY M.S. K.H. BF	REFERENCES W GLO Plat
WEATHER Clear & Cold	FILE ENSERCH EXPLORATION



ENSERCH EXPLORATION

13 Point Surface Use Plan

for

Well Location

Crooked Canyon Federal #1-17

Located In

Section 17, T10S, R23E, S.L.B.& M.

Uintah County, Utah

Enserch Exploration Crooked Canyon Federa 1-17 Section 17, T10S, R23L, S.L.B. & M.

1. EXISTING ROADS

See Attached Topographic Map "A", to reach the Enserch Exploration well location located in the NE 1/4 NW 1/4 Section 17, T10S, R23E, S.L.B. & M., from Vernal, Utah.

Proceed East out of Vernal, Utah along U.S. Highway 40, 24 miles to the junction of this highway and Utah State Highway 45 to the South; proceed South along Utah State Highway 45, 22 miles to Bonanza, Utah; proceed in a Westerly direction along animproved dirt road 14.7 miles to the junction of this road and a dirt road to the East; proceed Easterly along this dirt road 0.2 miles to the junction of this road and the proposed access road to be discussed in Item #2.

At the present time there is no major construction anticipated along any portion of the above described road.

The road will be maintained and kept at the necessary standards required for an orderly flow of traffic during the drilling, completion, and production activities of this location.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The proposed access road leaves the existing road described in Item #1 in the NE 1/4 NE 1/4 Section 18, T10S, R23E, S.L.B. & M., and proceeds in a Easterly direction about 2600' to the proposed location site.

In order to facilitate the anticipated traffic flow necessary to drill and produce this well, the following standards will be met.

This proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditchess along either side of the proposed road where it is determined necessary in order to handle any run-off from any normal meteorlogical conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

The road will be centerline flagged prior to the commencement of construction.

If deemed necessary by the local governmental agencies or their representatives, turnouts will be installed for safety purposes every 0.25 miles or on the top or ridges that will provide the greatest sight distance. These turnouts will be 200' in length and 12' in width and will be tapered from the shoulder of the road for a distance of 50' in length at both the access and the outlet end.

Any fences that are encountered along this access road will be cut and replaced with a cattleguard with a minimum width of 18' and a loading factor large enough to facilitate the heavy trucks required in the drilling and production of this well.

2. PLANNED ACCESS ROAD - continued

If cattleguards are to be located at existing gates, they will be installed with the above requirements and with a new gate installed at one end of the cattleguard.

The access from the road to the gate will be of such a nature that there will be no impedance of traffic flow along the main access road and no difficulties encountered by traffic utilizing the gate, either leaving or entering the proposed access road.

The terrain that is traversed by this road is over rolling type terrain and is vegetated by sagebrush and grasses.

3. LOCATION OF EXISTING WELLS

As shown on Topographic Map "B", there are other well within a one-mile radius of the proposed well site. (See location plat for placement of Enserch Exploration, well location within the section.)

4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES

All petroleum production facilities are to be contained within the proposed location site. There are no other Enserch Exploration gathering, injection, or disposal lines within a one-mile radius of this location.

In the event production is established, plans for a gas flow line from this location to existing gathering lines or a main production line shall be submitted to the appropriate agencies for approval.

The rehabilitation of the disturbed area that is not required for the production of this well, will meet the requirements of Items #7 and #10.

5. LOCATION AND TYPE OF WATER SUPPLY

Water to be used for the drilling of this well will be hauled from the White River in the NE 1/4 Section 17, T9S, R22E, S.L.B.M., approximately 13 miles by road Northwest of the proposed location site.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road shall be borrow materials accumulated during construction of the location site and access road. No additional road gravels or pit lining materials form other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7. METHODS FOR HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve and burn pit will be constructed.

7. METHODS FOR HANDLING WASTE DISPOSAL

The reserve pit will be approximately 8' deep and at least one half of this depth shall be below the surface of existing ground.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals, produced fluids, etc.

If deemed necessary by the agencies concerned, to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed at such time as deemed necessary to protect the water fowl, wildlife, and domesticated animals.

At the onset of drilling, this reserve pit will be fenced on three sides and at the time the drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and reclamation activities are attempted.

When the reserve pit dries and the reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

The burn pits will be constructed and fenced on all four sides with a small mesh wire to prevent any flammable materials from escaping and creating a fire hazard.

All flammable materials will be burned and then buried upon completion of this well.

A portable chemical toilet will be supplied for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See Location Layout Sheet.

The B.L.M. District Manager shall be notified before any construction begins on the proposed location site.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type material neccessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

Enserch Exploration Crooked Canyon Federa 1-17 Section 17, T10S, R233, S.L.B. & M.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See Location Layout Sheet and Item #9.) When all drilling and production activities have been completed, and the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during the construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash pits shall be buried with a minimum of 5' of cover.

As mentioned in Item #7, the reserve pit will be completely fenced and wired and overhead wire an flagging installed, if there is oil in the pits, and then allowed to completely dry before covering.

Restoration activities shall begin within 90 days after completion of the well. Once completion activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommenced by the B.L.M. District Manager when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

The Topography of the General Area (See Topographic Map "A".)

The area is a basin formed by the Blue Mountain Plateau and Green River to the North and the White River and the Roan Plateau to the South.

The basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstones, conglomerates and shale deposits are extremely common to the area.

The geologic structures of the area that are visible are of the Uintah formation (Eocene Epoch) Tertiary Period in the upper elevation and the cobblestone and younger alluvial deposits from Quaternary Period.

Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.

The topsoils in the area range from a light brownish-gray sandy clay (SM-ML) type soil to poorly graded gravels to a clayey (OL) type soil.

OTHER INFORMATION

The majority of the numerous washes and streams in the area are of a non-perennial nature flowing during the early spring run-off and extremely heavy rain storms of long duration which are extremely rare as the normal annual rainfall in the area is only 8".

The White River to the South of this location is the only perennial stream that is affected by this location site.

Due to the low precipitation average, climate conditions and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in and in the lower elevations, it consists of areas of sagebrush, rabbit brush, some grasses, and cacti as the primary flora.

The fauna of the area consists prediminantly of the mule deer, coyotes, rabbits, and various small ground squirrels and other types of rodents. The area is used by man for the primary purposes of grazing domesticated sheep and cattle.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The Topography of the Immediate Area (See Topographic Map "B".)

Crooked Canyon Federal #1-17 is located on the top of a small knoll on a flat area approximately 1.2 miles North of the White River. The ledges from the location down into the White River are extremely steep.

The majority of the drainages in the area are of a non-perennial nature and drain to the South into the White River.

The terrain in the vicinity of the location slopes to the Southwest from a small ridge through the location site at approximately a 2% grade into a small wash.

The vegetation in the immediate area surrounding the location site is predominatly sagebrush, grasses.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topography Map "B".)

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

W.A. McAdam 1640 South 1400 West Vernal, Utah 84078

TELE: 1-801-789-1983

Crooked Canyon Federal #1-17 Section 17, T10S, R23E, L.B.M.

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Enserch Explortation, and its contractors and sub-contractors in conformity with this plan and terms and conditions under which it is approved.

Date

W.A. McAdams Drilling Supervisor

CIRCULATE TO:
DIRECTOR
PETROLEUM ENGINEER
MINE COORDINATOR
ADMINISTRATIVE ASSISTANT
ALL
RETURN TO AMBRICATION
FOR FILING

March 27, 1978

Memo To File:

Re: Enserch Exploration

Crooked Canyon Federal 1-17 Sec. 17, T. 10S, R. 23E, Uintah County, Utah

This office was notified on the above date, that this well was spudded on 3-26-78.

Thompson Drilling Company is the contractor and Rig #28 is the rig being utilized. The surface string, 13 3/8", has been set and cemented to surface with good returns.

PATRICK L. DRISCOLL

CHIEF PETROLEUM ENGINEER

PLD/ka

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING



	VISION OF OIL, GAS, AND MI		5. LEARE DESIGNATION AND SERIAL NO. U-37355
SUNDRY N	OTICES AND REPORTS	ON WELLS back to a different reservoir.	6. IF INDIAN, ALLOTTER OR TRIBE NAME
1.			7. UNIT AGESTMENT NAME
₩BLL ☐ WELL ☐ OTH	ER.		S. FARM OR LEASE NAME
2. NAME OF OPERATOR Enserch Exploration	Tua		Crooked Canyon Federal
8. ADDRESS OF OPERATOR	TRE.		9. WBLL NO.
	, 7701 N. Stemmons Free	zway. Dallas. Tex	1-17
4. LOCATION OF WELL (Report locat See also space 17 below.) At surface	tion clearly and in accordance with any	State requirements. 75247	10. FIELD AND FOOL, OR WILDCAT Bonanza
	Sec 17-10S-23E		11. SEC., T., E., M., OR BLE. AND SURVEY OR AREA
14. PERMIT NO.	15. BLEVATIONS (Show whether D	F. RT. GR. etc.)	Sec 17-10S-23E 12. COUNTY OR PARISH 18. STATE
43-047-30369	5335 Gr	-,,,,	Uintah Utah
16. Check	c Appropriate Box To Indicate 1	Nature of Notice, Report, o	r Other Data
NOTICE OF	INTENTION TO:	au b	EQUENT REPORT OF:
TEST WATER SHUT-OFF	PULL OR ALTER CASING X	WATER SHUT-OFF	REPAIRING WELL
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CABING
SHOOT OR ACIDIZE	ABANDON*	SHOOTING OR ACIDIZING	ABANDONMENT*
REPAIR WELL	CHANGE PLANS	(Other)	ults of multiple completion on Well
(Other)		Completion or Reco	empletion Report and Log form.) Lites, including estimated date of starting any
13 3/8" 48.0)# H-40 ST&C New casing	Depth - 200'	
APPI OIL, Date BY:	ROVED BY THE DIVISION GAS: AND MINING	OF	
18. I hereby certify that the fores for Enserch Cap SIGNED (This space for Federal or Sta	oloration, Inc. TITLE Dr. te office use)	erk for illing Supervisor	DATE
APPROVED BY	, IF ANY:		DATE

Form Approved.	
Budget Bureau No.	42-R1424

	B	udget Bureau No. 42-R1424
5.	LEASE	
	U-37355	\
5.	IF INDIAN, ALLOT	TEE OR TRIBE NAME
7.	UNIT AGREEMEN	TNAME

SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9–331–C for such proposals.)	
reservoir. Use Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME
1. oil gas 🖾 other	Crooked Canyon Federal 9. WELL NO.
2. NAME OF OPERATOR	1–17
Enserch Exploration, Inc.	10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR	Bonanza
7701 N. Stemmons Freeway, Dallas, Texas	11. SEC., T., R., M., OR BLK. AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	AREA Sec. 17-10S-23E
below.) AT SURFACE: 863' FNL & 1689' FWL Sec. 17-10S-	12. COUNTY OR PARISH 13. STATE
AT TOP PROD. INTERVAL: 23E	Unitah Utah
AT TOTAL DEPTH:	14. API NO.
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	43-047-30369
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	5335 GR
TEST WATER SHUT-OFF	
FRACTURE TREAT	
SHOOT OR ACIDIZE REPAIR WELL	WOTE B. A. D. F. W. J. W.
PULL OR ALTER CASING	(NOTE: Report results of multiple completion or zone change on Form 9-330.)
MULTIPLE COMPLETE	
CHANGE ZONES ABANDON*	
(other) Drilling Operations	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state including estimated date of starting any proposed work. If well is dimeasured and true vertical depths for all markers and zones pertinen Spudded March 25, 1978. Drilled 17-1/2" hole to casing to 225'. Cemented with 350 sacks cement 12-1/4" hole to 2050', set 8-5/8" 24# casing to 125 sacks cement April 1, 1978. Presently drill	irectionally drilled, give subsurface locations and to this work.)* o 233'. Set 13-3/8" 48# March 27, 1978. Drilled o 2043' and cemented with
	· •
	•
Subsurface Safety Valve: Manu. and Type	Set @ Ft.
18. I hereby certify that the foregoing is true and correct	· · · · · · · · · · · · · · · · · · ·
SIGNED TITLE Drlg. Supering	tendepa _{te} April 14, 1978
(This space for Federal or State offi	ce use)
APPROVED BY TITLE CONDITIONS OF APPROVAL, IF ANY:	DATE

FORM OGG-8-X MIKE IX	
CIRCULATE TO: JIM STATE OF UTAR DIRECTOR PETROLEUM ENGINEER DIVISION OF OIL, GAS, AND MINING ADMINISTRATIVE ASSISTANT ALL RETURN TO REPORT OF WATER ENCOUNTERED DURING DRILLING REPORT OF WATER ENCOUNTERED DURING DRILLING	10,171,81,0
Well Name & Number: Crooked Canyon Federal No. 17-1	
Operator: Enserch Exploration, Inc. Address: Dallas, Texas 75247	<i>y</i>
Contractor: Thomson Drilling Company Address: Denver, Colorado 80237	
Location NE 1/4 NW 1/4; Sec. 17 T. 10 M, R. 23 E; Unitah	County,
Water Sands:	
Depth: Volume: Quality:	
From- TG- Flow Rate of Head Fresh or Salty	y .
l None	
2.	
3.	
4.	· · · · · · · · · · · · · · · · · · ·
5.	
(Continue on Reverse Side if Necessary)	
Fermation Teps:	
Eocene Wasatch 4,010' Upper Cretaceous Mesa Verde 5,690'	
Remarks: Well was drilled with mud which weighed in excess of 8.6 pounds per gal no water flow was encountered.	lon,
NOTE: (a) Upon diminishing supply of forms, please inform this office. (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Proceedings.	

Regulations and Rules of Practice and Procedure.

(c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

Form 9-331 (May 1963)		UNITED STATEMENT OF THE GEOLOGICAL S	E INTERI	4 4 3 4 to 1	U	-37355	ean No. 42-RJ424 N.A.C. SERIAL NO.
		FICES AND RED SAIS to drill or to decATION FOR PERMIT		ON WELLS ack to a different reservoir.			EE OR TRIBE NAME
1.	L X OTHER		/	RECEIVED 2	7.	UNIT AGREEMENT N	VAME
WELL WEL 2. NAME OF OPERATO			——— <i>‡</i>	🚽 MAY 15 1978 🗡		FARM OR LEASE NA	AME
ENSERCH EXPLORATION, INC.						rooked Cany	on Federal
3. ADDRESS OF OPERA	TOR		_	GAS, & MINING		WELL NO.	
909 S. MERIDIA	N, SUITE 60	08, OKLAHOMA	CITY, OK	ABOMA 73108		-17	OR WITHOUT
4. LOCATION OF WELL See also space 17 At surface		clearly and in accords	ince with any a	state riguirements.	_		OR WILDCAY
Mt Sulface						On <u>anza</u> sec., t., r., m., or	BLK, AND
863' FNL & 168	19' FWI. Se	c. 17+T10S.R2	3E			SURVEY OR ARE	ia .
000 1111 6 100	,, 1,41	I/ II/05,112	.54		S	ec. 17-T10S	.R23E
14. PERMIT NO.		15. ELEVATIONS (Sh	now whether DF,	RT, GR, etc.)		COUNTY OR PARIS	
		5335' G.L.			गु	intah	Utah
16.	Check A	ppropriate Box To	Indicate N	ature of Notice, Report,	or Othe	r Data	
	NOTICE OF INTE					REPORT OF:	
TEST WATER SHI	T-OFF	PULL OR ALTER CASIN	G	WATER SHUT-OFF		REPAIRING	WELL,
FRACTURE TREAT		MULTIPLE COMPLETE		FRACTURE TREATMENT	<u> </u>	ALTERING	CASING
SHOOT OR ACIDIZ	g ·	ABANDON*		SHOOTING OR ACIDIZING	: 🔲	ABANDON M.	···
REPAIR WELL		CHANGE PLANS		(Other) Complet:	ion Op	erations	X X
(Other)						multiple completion n Report and Log f	
17, DESCRIBE PROPOSE proposed work. nent to this wor	OR COMPLETED OF If well is direct: k.) *	ERATIONS (Clearly stationally drilled, give s	te all pertinent ubsurface locati	details, and give pertinent ons and measured and true	dates, incl certical de	pths for all marke	rs and zones perti-
follows with 6514', 5950'	1 shot/ft: to 5954',	6995' to 70 5930' to 5935	10', 6725 5', and 52	Thecked PBTD at 705' to 6732', 6530' 268' to 5270'. Treamed up. Preparing	to 6	536 ', 6504' perforation	to

S. I hereby certify that the foregoing is true and correct SIGNED WILLIAM	GITLE DIST. PRODUCTION MANAGER	DATE 5-10-78
(This space for Federal or State office use) APPROVED BY	TITLE	DATE:
CONDITIONS OF APPROVAL, IF ANY:		•

Ferm 9-331 (May 1963)

D STATES DEPARTMENT OF THE INTERIOR Other Instruction verse side)

SUBMIT IN TRIP

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Well Testing

Form approved. Budget Bureau No. 42-R1424. 5. LEASE DESIGNATION AND SERIAL NO.

GEOLOGICAL SURVEY

NOTICE OF INTENTION TO:

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

TEST WATER SHUT-OFF

FRACTURE TREAT SHOOT OR ACIDIZE

SUBSEQUENT REPORT OF:

SUNDRY	NOTICES	AND	REPORTS	ON	WELLS	
Do not use this form for	or proposals to	drill or to	deepen or plug	back to	a different re	servoir.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

REPAIRING WELL

ALTERING CASING

ABANDON MENT*

	Use "APPLICA"	TION FOR PERMIT—" for such proposals.)		
l.	OIL GAS X OTHER		7. UNIT AGREEMENT NA	ME
2.	NAME OF OPERATOR		8. FARM OR LEASE NAM	E
	ENSERCH EXPLORATION, IN	NC.	Crooked Canyon	n Federal
3.	ADDRESS OF OPERATOR		9. WELL NO.	
	909 S. MERIDIAN, SUITE	608, OKLAHOMA CITY, OKLAHOMA 73108	1-17	
i.	LOCATION OF WELL (Report location cle See also space 17 below.) At surface		10. FIELD AND POOL, OR Bonanza	WILDCAT
			11. SEC., T., R., M., OR B. SURVEY OR AREA	
	863' FNL & 1689' FWL Se	ec. 17-T10S-R23E	Sec. 17-T10S-	R23E
14.	PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12, COUNTY OR PARISH	13. STATE
		5335' G.L.	Uintah	Utah
6.	Check Ap	propriate Box To Indicate Nature of Notice, Report, or Ot	her Data	

REPAIR WELL (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) (Other) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The test to be performed is a modified Isochron followed by an extended Drawdown. This would involve flowing the well for four - two-hour periods at different choke settings, with a two-hour shut in period between each flow, followed by a six-day Drawdown.

The test is expected to commence on June 1, 1978 and will last for seven days. The estimated gas production during the test will be 10 MMSCF.

> APPROVED BY THE DIVISION OF OIL, GASPAND MINING

_ /		
18. I hereby certify that the foregoing is true and correct SIGNED	TITLE District Petroleum Engineer	DATE May 25, 1978
(This space for Federal or State office use)		
APPROVED BYCONDITIONS OF APPROVAL, IF ANY:	TITLE	DATE



Aero Meridian Tower, Suite 608 Oklahoma City, Oklahoma 73128 405-946-0582 Oklahoma and Rocky Mountain District Production Division

D. H. Winchell District Production Manager

B. K. Irani District Petroleum Engineer

May 25, 1978

Mr. Patrick L. Driscoll Chief Petroleum Engineer Utah Oil, Gas & Mining Division 1588 West North Temple Street Salt Lake City, Utah 84116

> Re: Crooked Canyon Federal No. 1-17 Section 17-T10S-R23E Uintah County, Utah

Dear Mr. Driscoll:

This is to inform you that Enserch Exploration, Inc. is proposing a seven-day flow test on the subject well. The test, a modified isochron followed by an extended drawdown, is expected to commence on June 1, 1978.

We request approval from your office so that we may proceed with the test. If you need any additional information, please advise.

Sincerely,

B. K. Irani

District Petroleum Engineer

BKI:ap



STATE THE THE STATE OF NATURAL RESOURCES

				RESOURCES			,	3		. <u></u>
l	DIVISION (OF OIL,	GAS, AN	ID MINING				5. LEASE DE	SIGNAT	ION AND SERIAL NO.
								<u>U-3735</u>	55	
WELL CO	MPLETIC	N OF	RECO	MPLETION	REPORT A	ND LO	G *	6. IF INDIAN	, ALLOT	TTBE OR TRIBE NAME
1a. TYPE OF WE		om [GAS WELL					7. UNIT AGRI	EEMENT	NAME
b. TYPE OF COM	PLETION:	WELL L	J WELL L	∆ DRY L.	Other			1. 0.11. 11011		
NEW X	WORK OVER	DEEP-	PLUG BACK	DIFF. RESVR.	Other			S. FARM OR	LEASE	NAME
2. NAME OF OPERA		<u> </u>	DACK C		Other			O 1	.1 0-	
Enserch	n Explora	tion.	Inc.					9. WELL NO.	<u>a Ça</u>	inyon Federal
3. ADDRESS OF OPE								1-17		
7701 N.	Stemmon	s Free	eway , Da	allas, Texa	s 75247				D POOL	, OR WILDCAT
4. LOCATION OF WE	LL (Report lo	cation clea	arly and in	accordance with a	ny State requirem	ents)*		Bonanz	za	
At surface OC	os FNL a	na 166	DA, EMT	Sec. 17-T1	US-K23E			11. SEC., T.,	R., M., C	R BLOCK AND SURVEY
At top prod. in	terval reported	i below								
At total depth									4 -	
at total depth				14. PERMIT NO	DAS	TE ISSUED		Section 12. country		/-T10S-R23E
				43-047-3				PARISH Uintah		Utah
5. DATE SPUDDED	16. DATE T.	D. REACHE	D 17. DAT	E COMPL. (Ready		LEVATIONS (DF. RKR P	T, GR, ETC.)*		LEV. CASINGHEAD
3-25-78	4-19-	78		-13-78	10. 2	5,335 G		,,,		
0. TOTAL DEPTH, MB			K T.D., MD &	TVD 22. IF MUI	LTIPLE COMPL.,	23. INT	ERVALS	ROTARY TOO	LS	CABLE TOOLS
7085 MD				How M	AAA X *	DRI	LLED BY			
4. PRODUCING INTE	RVAL(8), OF T	HIS COMP	LETION—TOP	P, BOTTOM, NAME (MD AND TVD)*	-			25	. WAS DIRECTIONAL SURVEY MADE
5266'-5270									ł	
5926 '- 7016	' Mesa V	erde	_	le Compensa					<u>. </u>	No
									27. W	AS WELL CORED
	tion Lat	eriog,		tion Densit	<u> </u>		tron			No
CASINO SIZE	WEIGHT,	TB / B-P	CAS	ING RECORD (Re	port all strings se		MENTING	PECORD		
13 3/8"										AMOUNT PULLED
8 5/8"		<u>/ft</u> /ft	204		17 1/4" 12 1/4"		sacks sacks			
4 1/2"	11.6#	-	708		7 7/8"		sacks			
1 4/2		<u>, </u>	700	<u> </u>			Sack	- ⁷	[·	
9.		LINE	R RECORD		· · · · · · · · · · · · · · · · · · ·	30.	Т	UBING RECO	RD	
SIZE	TOP (MD)	BOTT	OM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	1	DEPTH SET (M	D)	PACKER SET (MD)
	,					2 3/	8''	7,048'		
						1				
. PERFORATION RE					32.	ACID, SHOT		URE, CEMENT		
995-7010 ' 1)-5954'		DEPTH INTER	VAL (MD)		OUNT AND KIN		
725-6732				5 shots						CL water
	6 shots 0 shots	3200	3-5270 '	2 shots	1					00# of sand
J04-0J14 1	.U SHOLS						and	28 ball s	еате	ers.
3.*	 			PRO	DUCTION	· · · · · · · · · · · · · · · · · · ·	1			
ATE FIRST PRODUCT	TION P	RODUCTION	METHOD (Flowing, gas lift, p		type of pur	np)	WELL		(Producing or
								shut		Waiting on pa line connect
ATE OF TEST	HOURS TEST		HOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BÉL.	GAS-M		WATER-BBL		GAS-OIL BATIO
5-7-78			24/64"	<u> </u>		220		<u> </u>	áI	10/70
LOW, TUBING PRESS.	CASING PRES	1 2	ALCULATED	OIL—BBL.	GASMCI	F	WATER-	-BBL.	OIL OR	AVITA-API (COM.)
1250 psi 4. DISPOSITION OF G	1300			<u> </u>				<u>/20/1</u>	<u> </u>	PEIVED S
ented while		jor juel,	venieu, etc.)	•				TEST WITNES	* U N	5 10-
5. LIST OF ATTACH			-				!		. Y	19/8
								H e	·45. 3	MIN.NC
8. I hereby corthy	Det pe fore	going and	attached in	nformation is com	plete and correct	as determin	ed from	all available r	ecords	
/	/ \ I 🔪							₹~~		X > 7

District Engineer

NSTRUCTIONS

or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of tellers are area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. If not fine this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Her 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions. General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency.

Hem 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Hems 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Hem 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

1	1	F	}			
	a	TRUE VERT. DEPTH				
GEOLOGIC MARKERS	TOP	MEAS. DEPTH				
GROLOGIC		1	See Formations			
38.	<u> </u> 		et.c	· · · · · · · · · · · · · · · · · · ·		
NTS THERROF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING PPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIRE	DESCRIPTION, CONTENTS, ETC.		Green to Gray Shales, some Sand, Dolometic Limestones	Fluvial Sandstone and Red Shales	Fluvial Sandstone and Gray Shales	
OSITY AND CONTEN	BOTTOM		2,906	5,582	7,016	
OUS ZONES: TTANT ZONES OF POR TESTED, CUSHION (TOP		2,669	5,266	5,926	
37. SUMMARY OF POROUS ZONES: 8HOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, PLOWING	FORMATION		Green River	Wasatch	Mesa Verde	

Form	9-331
(May	1963)

ED STATES DEPARTMENT OF THE INTERIOR (Other instruction of the interior of the interior of the instruction of the inst

DEI /II	GEOLOGICAL SURVEY	(A) (A)	·	U-37355	AND SERIAL NO.
(Do not use this form for pu Use "APP	OTICES AND REPORTS oposals to drill or to deepen or plu LICATION FOR PERMIT—" for such	g back to a different Feeling		6. IF INDIAN, ALLOTTE	E OR TRIBE NAME
OIL GAS WELL OTHE	R	JUN 19	·	7. UNIT AGREEMENT N.	
2. NAME OF OPERATOR		GAS, & MIN	IING (C)	8. FARM OR LEASE NA	ME
ENSERCH EXPLORATION	N, INC.	\sim		CROOKED CANYO	
3. ADDRESS OF OPERATOR			\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	9. WELL NO.	T LOURING
	UITE 608, OKLAHOMA CI		108	1-17	
4. LOCATION OF WELL (Report location See also space 17 below.)	on clearly and in accordance with a	ny State requirements.*		10. FIELD AND POOL, O	R WILDCAT
At surface				BONANZA	
863' FNL & 1689' F	WL Sec. 17, T10S, R23	BE		11. SEC., T., R., M., GR I SURVEY OR AREA	
				Sec. 17,T10S,	R23E
14. PERMIT NO.	15. ELEVATIONS (Show whether	DF, RT, GR, etc.)		12. COUNTY OR PARISH	
	5335' G.L.			UINTAH	UTAH
16. Check	Appropriate Box To Indicate	Nature of Notice, Res	oort, or O	ther Data	
NOTICE OF IN				NT REPORT OF:	
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	[REPAIRING V	VELL
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATM	fENT	ALTERING CA	ASING
SHOOT OR ACIDIZE	ABANDON*	SHOOTING OR ACH	DIZING	ABANDONMES	7T*
REPAIR WELL	CHANGE PLANS	(Other) COMPE	LTION O	PERATIONS	X
(Other)		Completion	or Recomplet	f multiple completion tion Report and Log for	on Well
 DESCRIBE PROPOSED OR COMPLETED proposed work, If well is dire nent to this work,) * 	OPERATIONS (Clearly state all pertin ectionally drilled, give subsurface lo	ent details, and give pertications and measured and t	nent dates, i rue vertical	ncluding estimated date depths for all markers	of starting any and zones perti-

Ran Krystal frac 45,000 gallons pad, 20,000 gallons 1/2# per gallon sand, 32,000 gallons 1# per gallon sand, 40,000 gallons 2# per gallon sand, 44,000 gallons 3# per gallon sand, 20,000 gallons 4# per gallon sand (total of 201,000 gallons KCL water) and 28 ball sealers in four stages. Average injection rate 23.3 barrels per minute. Flowed frac fluid and cleaned up well. Last 24 hours of clean up well flowed 2,200 MCF per day. Presently shut in awaiting pipeline connection.

18.	I hereby certify that the foregoing is true and correct	DICERTON PROP WAYACTE	C 10 70
=	SIGNED / V COUNCY	TITLE DISTRICT PROD. MANAGER DAT	re 6-13-78
	(This space for Federal or State office use)		
	APPROVED BY	TITLE DAT	PEC

ED STATES DEPARTMENT OF THE INTERIOR (Other instructions on re-

SUBMIT IN TR CATE*

Form approved. Budget Bureau No. 42-R1424. 5. LEASE DESIGNATION AND SERIAL NO.

GEOLOGICAL SURVEY

U = 373556. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES	AND REPORTS	ON WELLS
(Do not use this form for proposals to Use "APPLICATION	drill or to deepen or plug FOR PERMIT—" for such	g back to a different reservoir, proposals.)

7. UNIT AGREEMENT NAME GAS WELL Ιχ. WELL OTHER NAME OF OPERATOR 8. FARM OR LEASE NAME ENSERCH EXPLORATION, INC. CROOKED CANYON FEDERAL 3. ADDRESS OF OPERATOR 9. WELL NO. 909 S. MERIDIAN, SUITE 608, OKLAHOMA CITY, OKLAHOMA 73108
LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.) 1 - 1710. FIELD AND POOL, OR WILDCAT <u>BONANZA</u> 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 863' FNL & 1689' FWL Section 17,T10S,R23E Sec. 17,T10S,R23E 12. COUNTY OR PARISH | 13. STATE 14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5335' G.L.

UINTAH

UTAH

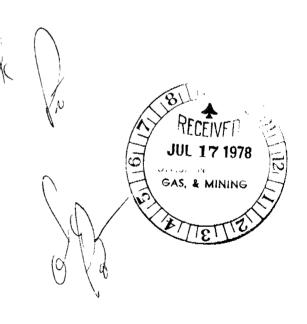
16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF 1	NTENTION TO:	SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL		
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CASING		
SHOOT OR ACIDIZE	ABANDON*	SHOOTING OR ACIDIZING	ABANDONMENT*		
REPAIR WELL	CHANGE PLANS	(Other) COMPLETION (
(Other)		(Note: Report results Completion or Recomple	of multiple completion on Well etion Report and Log form.)		

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

WAITING ON PIPELINE CONNECTION



SIGNED SIGNED	TITLE DIST. PRODUCTION MANAGER	DATE 7-10-78
(This space for Federal or State office use)	7 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
APPROVED BY	TITLE	DATE

ED STATES ULTED STATES SUBMIT IN TRIADEPARTMENT OF THE INTERIOR (Other instructions verse side) GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

1	IJ-	3	7	3	5	5		

ABANDONMENT*

	SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)	6. IF INDIAN, ALLOTTER	OR TRIBE NAME.	
1.	OIL GAS XX OTHER	7. UNIT AGREEMENT NA	ME	
2.	NAME OF OPERATOR	8. FARM OR LEASE NAM	Е	
	Enserch Exploration, Inc.	Crooked Can	yon Federal	
3.	ADDRESS OF OPERATOR	9. WELL NO.		
	909 S. Meridian, Suite 608, Oklahoma City, Oklahoma 73108	1-17		
4.	LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface	10. FIELD AND POOL, OF	WILDCAT	
	863' FNL & 1689' FWL Section 17, T10S, R23E	11. SEC., T., R., M., OR B SURVEY OR AREA	LK. AND	
		Sec. 17, T1	OS, R23E	
14.	PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH		
	5335' G.L.	Uintah	Utah	
16.	Check Appropriate Box To Indicate Nature of Notice, Report, or C	Other Data		
		UENT REPORT OF:		
	TEST WATER SHUT-OFF PULL OR ALTER CASING WATER SHUT-OFF FRACTURE TREAT MULTIPLE COMPLETE FRACTURE TREATMENT	REPAIRING W		
	FRACTURE TREAT MULTIPLE COMPLETE FRACTURE TREATMENT	ALTERING CA	SING	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Waiting on pipeline connection.

ABANDON*

CHANGE PLANS

SHOOT OR ACIDIZE

REPAIR WELL

(Other)



SHOOTING OR ACIDIZING

(Other) Completion Operations

18. I hereby certiff that the forecoint is true and correct SIGNED TITLE Dist. Production Manager	DATE 8-17-78
(This space for Federal or State office use)	
APPROVED BY	DATE

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

(FORM 9-329) (2/76) IB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No	U-3/355	
Communitiz	ation Agreement No.	
Field Name	BONANZA	
Unit Name_		ON FEDERAL
Participating	g Area	
County	UINTAH	State <u>UTAH</u>
-	ISERCH EXPLORATION	

☐ Amended Report

The following is a corr	ect report of operation	s and production	(including status of all	unplugged wells)	for the mont!
of OCTOBER	, 19 <u>_78</u>	-		1	

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report car result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

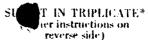
Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
7-1	NE/NW 17	10s	23E	TA	0	o	0	0	
Waiti	ng on pi	elin	e con	nection					
								*-	

*If none, so state.

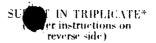
DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month		XXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXX
*Produced		70.4	**
*Sold			XXXXXXXXXXXXXXXX
*Spilled or Lost		XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXX		XXXXXXXXXXXXXXX
*Used on Lease			XXXXXXXXXXXXXXXX
*Injected			
*Surface Pits	XXXXXXXXXXXXXXX	XXXXXXXXXXXXXXX	
*Other (Identify)			
*On hand, End of Month		XXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXX
*API Gravity/BTU Conte	7.11		XXXXXXXXXXXXXXXX
Authorized Signature: Authorized Signature: DISTRICT PRODUCTION MANAGER		09 S. MERIDIAN, SU	ITE 608, OKC, OK

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OUR GAS AND MINING



DEPARTI	MENT OF NATUR	AL RESOUR	RCES		
DIVISIO	ON OF OIL, GAS,	AND MINH	NG	5. LEASE DESIGNATION	AND BERIAL NO.
				U-37355	
SUNDRY NOT	ICES AND REP	ORTS ON	N WELLS r to a different reservoir.	6. IF INDIAN, ALLOTTE	STOR TRIBE NAME
i.				7. UNIT AGREEMENT N	AM#
WELL WELL OTHER				N/A	
Enserch Exploration, In	nc.	(303) 298	-8295	8. FARM OR LEASE NA Crooked Cany	
3. ADDRESS OF OPERATOR 475-17th Street, Suite	1300, Denver,	Colorado	80202	9. WELL NO. 1-17	
4. LOCATION OF WELL (Report location ci See also space 17 below.) At surface	early and in accordance	e with any Sta	se requirements.	10. FIELD AND FOOL, o	R WILDCAT
863' FNL, 1689' FWL				11. SEC., T., R., M., OR SURVEY OR AREA	
		٠	1	Section 17,	T10S, R23E
14. PERMIT NO.	15. BLEVATIONS (Show		, CR, etc.)	12. COUNTY OR PARISE	
43-047-30369	5335'	GR		Vintah	Utah
16. Check Ap	propriate Box To li	ndicate Nati	ure of Notice, Report, or (Other Data	
NOTICE OF INTENT	FION TO:	1	SUBBRO	CENT ESPOST OF:	
TEST WATER SHUT-OFF P	ULL OR ALTER CASING		WATER SHUT-OFF	REPAIRING '	watt
FRACTURE TREAT X M	ULTIPLE COMPLETE		FRACTURE TREATMENT	ALTERING C	ASING
SHOOT OR ACIDIZE X	BANDON*		SHOUTING OR ACIDIZING	ABANDONME	NT.
	HANGE PLANS		(Other)	of multiple completion	on Well
(Other) 17. DESCRIBE PROPOSED OR COMPLETED OPER			Completion or Recomp	letion Report and Log for	rm.)
Add Mesa Verde perfora 6725-32' and existing foam with 65,000# 20/40 by 7/24/83.	perfs from 675	4-68' (1	spf), with 41,000 g	als 70-80 quali	
	•				
. ·	ם	OF UT	BY THE STATE AH DIVISION OF AS, AND MINING 3		
Λ	;		-	÷	
18. I hereby certify that the foregoing is	true and correct				
signed Hanny L. Hagins	tarinz) TI	TLE Produ	ction Superintender	nt DATE 8/25	6/83
(This space for Federal or State offic	e ùse)/				
COMBILE VS OF APPROVAL, IF A		TLE		DATE	



DEPARTI	MENT OF NATURA	L RESO	URCES	erse side)		
	ON OF OIL, GAS,			5.	LEASE DESIGNATI	ON AND SERIAL
			-	U-	-37355	
SUNDRY NOTI	ICES AND REPO	ORTS (ON WELLS		IF INDIAN, ALLOT	TEE OR TRIBE NA
Use "APPLICA	TION FOR PERMIT—"	for such p	roposais.)	N/		
Off, GAS V				1	UNIT AGREEMENT	NAME
WELL WELL X OTHER				N/		
				8.	FARM OR LEASE ?	1AMB
Enserch Exploration, Inc.	<u> </u>	(303)	298-8295		cooked Cany	on Federa
				9.	WELL NO.	
4. LOCATION OF WELL (Report location cl). Denver. Colo	rado 8	0202		17 FIELD AND POOL	
See also space 17 bélow.)		, ,,,,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	own tedutements.		-	, OR WILDCAT
·					nanza sec., t., s., m., o	R REE AND
					SUBVET OR AR	
						ming page
14. PERMIT NO.	15. BLEVATIONS (Show	whether or.	RT, GR, etc.)	12.	ction 17.	1105, KZ31
43-047-30369	5335' GR			1114	ntah	Utah
16. Ch . 1. A	** ***********************************	J		· · · · · · · · · · · · · · · · · · ·		1 ocan
Спеск Ар		dicate N	ature of Notice, Report,		_	
NOTICE OF INTENT	10N TO:		AUI	TKEUPERS	EXPORT OF:	
TIST WATER SHUT-OFF	ULL OR ALTER CASING		WATER SHUT-OFF		> REPAIRING	WELL
FRACTURE TREAT	ULTIPLE COMPLETE		FRACTURE TREATMENT	X	ALTERING	CABING
SHOOT OR ACIDIZE	BANDON*		SHOUTING OR ACIDIZING	X	ABANDONM	(ENT*
REPAIR WELL CI	HANGE PLANS		(Other)			
(Other) 17. DESCRIBE PROPOSED OR COMPLETED OPER proposed work. If well is direction next to this work.)		ا	(NOTE: Report re-	completion	Report and Log !	form.)
Perforated Mesa Ver 6768' and existing perfo 1) Pumped 12,000 g 2) Pumped 10,000 g 3) Pumped 7,500 g 4) Pumped 5,000 g 5) Pumped 6,250 g 6) Flushed to top Total sand used = 6 All frac and flush Max press. 8400 PSI Flowed and swabbed gas, 0 BC, and 20 BW.	rations 6725-66 als. 80 Quality als. 75 Quality als. 75 Quality als. 70 Quality als. 70 Quality of perfs with 5,000#, total recontained 10% rontained 10% ro	732' asy Foam y Foam y Foam y Foam y Foam 70 Qual nitroge methons 7625 PS	s follows: Pad with 12 ball s with 1 ppg 20/40 s with 2 ppg 20/40 s with 3 ppg 20/40 s with 4 ppg 20/40 s dity Foam en used = 1,024,000 al. SI at 14 Bb1/min.	ealers and and and SCF.		
Danny E Hagins (This space for Federal or State office	TIT	rie Pr	E.W. OF OIL, CAS &	MINIM	DATE 9/15	5/83
CUMDITE TE OF APPROVAL, IF AN	<u> </u>					

SHOOT OR ACIDIZE

REPAIR WELL

12

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING

ABANDON®

CHANGE PLANS

DIVIS	ION OF OIL, GAS, AND MINING	5. LEASE DESIGNATION AND SERIAL NO. U-37355
SUNDRY NO (Do not use this form for propulse "APPLIC	TICES AND REPORTS ON WELLS coals to drill or to deepen or plug back to a different ATION FOR PERMIT—" for such proposals.)	6. IF INDIAN, ALLOTTER OR TRIBE NAME t reservoir. N/A
OIL GAS VELL OTHER		7. UNIT AGREEMENT NAME N/A
Enserch Exploration, I	nc EP Operating Company (303)	8. FARM OR LEASE NAME
3. ADDRESS OF OPERATOR	e 3600, Denver, Colorado 80203	9. WELL NO. 1-17
 LOCATION OF WELL (Report location See also space 17 below.) At surface 	clearly and in accordance with any State requirement	Bonanza
863' FN., 1689' FWL		Sec. 17, T10S, R23E
14. PERMIT NO. 43-047-30369	15. SLEVATIONS (Show whether DF, RT, GR, etc.) 5335' GR	12. COUNTY OR PARISH 18. STATE Uintah Utah
6. Check A	ppropriate Box To Indicate Nature of Notice	e, Report, or Other Data
TEST WATER SHUT-OFF	PULL OR ALTER CASING WATER SHI	

(Other)

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. Describe Proposed on completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SHOUTING OR ACIDIZING

(Other) Company Name Change

A new master limited partnership has been formed by Enserch Corporation to carry on all of the oil and gas operations previously conducted for Enserch Exploration, Inc. EP Operating Company, a Texas limited partnership, has been assigned record ownership of all properties previously operated by Enserch Exploration, Inc., and will be the new Operator of these properties effective May 1, 1985.

	<u> </u>				
18.	I hereby certify that the foregoing is true and correct		District Prod. Supt.		
	SIGNED Cannic Lagins	TITLE _	New Enserch Expl., Inc.	DATE	5/7/85
_	Vanny L. Hagins /		Managing General Partner		
	(This space for Federal or State office use)				
	APPROVED BY	TITLE _		DATE	
	COMPANY 'S OF APPROVAL, IF ANY:				

Form 3160-5 (November 1983) (Formerly 9-331) DEPARTME OF THE BUREAU OF LAND MA	E INTERIOR	SUBMIT IN TRIPLICAT (Other instruction verse side)	Expires 5. LEASE DES	Burcau No. 1004-t. 3 August 31, 1985 IGNATION AND SERIAL NO.
SUNDRY NOTICES AND R (Do not use this form for proposals to drill or to de Use "APPLICATION FOR PERMIT	EPORTS ON	WELLS TO FOR		ALLOTTEE OR TRIBE NAME
OIL GAS X OTHER 2. NAME OF OPERATOR	FEB	06 1989	N/A	
EP Operating Company 3. ADDRESS OF OPERATOR 6. D		S10N 0F S 8 MANING 5-5510	Crooked 9. WBLL NO.	Canyon Federal
6 Desta Drive, Suite 5250, Midlan 4. LOCATION OF WELL (Report location clearly and in accord See also space 17 below.) At surface	lance with any Stat	e requirements.*	Natural	Buttes (Bonanza)
863' FNL, 1689' FWL, NE/4 NW/4			Sec. 17	T10S, R23E
14. PERMIT NO. 15. ELEVATIONS (S	show whether DF, RT,	GR. etc.)	12. COUNTY	DE PARISH 13. STATE
43-047-30369	5335' GR		Uintah	<u> Utah</u>
16. Check Appropriate Box T	o Indicate Natu	re of Notice, Report, o	r Other Data	
NOTICE OF INTENTION TO:	1		SEQUENT REPORT OF	r:
TEST WATER SHUT-OFF FRACTUBE TREAT SHOOT OR ACIDIZE REPAIR WELL PULL OR ALTER CASI MULTIPLE COMPLETE ABANDON* CHANGE PLANS		WATER SHUT-OFF PRACTURE TREATMENT SHOOTING OR ACIDIZING (Other) Prod: Place	Back in Se	TERING WELL, TERING CASING ANDONMENT* CTVICE X
(Other) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly st proposed work. If well is directionally drilled, give nent to this work.) •	ate all pertinent de subsurface locations	(Note: Report res Completion or Reco tails, and give pertinent da and measured and true ver	uits of multiple co ompletion Report a: ites, including esti- rtical depths for a	mpletion on Well od Log form.) nated date of starting any li markers and zones perti-
Production started from well on 1	./26/89, 12:	00 PM, 225 MCF ga	as per day.	
18. I hereby certify that the foregoing is true and correct	TITLE Produ	ction Superinten	dent DATE	2/1/89
(This space for Federal or State office use)				
APPROVED BYCONDITIONS OF APPROVAL, IF ANY:	TITLE		DATE	

Form 3160-5 (December 1989)

UNITED STATES DEPARTMENT OF THE INTERIOR RURFALL OF LAND MANAGEMENT

and the second s

FORM APPROVED Budget Bureau No. 1004-0135 Expires: September 30, 1990

Use "APPLICATION FOR PE	ERMIT—" for such proposals	7. If Unit or CA, Agreement Designation
SUBMIT IN	TRIPLICATE	7. If Unit of CA, Agreement Designation
1. Type of Well		
Oil Gas Well Other		B. Well Name and No.
2. Name of Operator	DEC 03 1990 C	Crooked Canyon Fed #1-17
EP Operating Company L. P.	- -	9. API Well No.
3. Address and Telephone No.	OHVISION OF	
6 Desta Drive, Suite 5250, Midla	nd, Texas /9/05-3510AS & Minux	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Descript	ion)	Natural Buttes (Bonanza)
863' FNL, 1689' FWL (NE/4 NW/4)	٠ .	11. County or Parish, State
Sec. 17, T10S, R23E	43-047-30369 pow	Uintah, Utah
CHECK APPROPRIATE BOX(s) To	O INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
Notice of Intent	Abandonment	Change of Plans
_	Recompletion	New Construction
Subsequent Report	Plugging Back	Non-Routine Fracturing
	Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing	Conversion to Injection
	X Other Resume Produ	
	(Note: Report results o Recompletion Report a	f multiple completion on Well Completion or nd Log form.)
Describe Proposed or Completed Operations (Clearly state all pertir	ent details, and give pertinent dates, including estimated date of starting	
give subsurface locations and measured and true vertical depl	ths for all markers and zones pertinent to this work.)*	
This subject well re	esumed production 11/13/90	
-		

4. I hereby certify that the foregoing is true and correct		A STATE OF THE STA
Signed	TitleProduction Superintendent	Date 11/27/90
(This space for Federal or State office use)		
Approved by	Title	Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or randed a statement or representations as to any matter within its jurisdiction.

Y	
P-04	6. Lease Designation and Serial Number
	** 07055

STATES		
DEPARTMENT OF NATURAL RESOURCE	≣S	6. Lease Designation and Serial Number
DIVISION OF OIL, GAS AND MININ	G	U-37355
		7. Indian Allottee or Tribe Name
SUNDRY NOTICES AND REPORTS O	\$660,600 (b.s.) : 500 (b.s.) - 100 (b.s.)	
Do not use this form for proposals to drill new walls, deepen existing wells, or to ree	nter plugged and abandoned wells.	8. Unit or Communitization Agreement
Use APPLICATION FOR PERMIT— for stich propor	ed6	
1. Type of Well ☐ Qil [X] Gas ☐ Other (specify)		9. Well Name and Number
Well Well		Crooked Canyon Fed. #1-17
2. Name of Operator		10. API Well Number
EP Operating Company, L.P.		43-047-30369
3. Address of Operator	, i	11. Field and Pool, or Wildcat
6 Desta Dr., Ste. 5250, Midland, TX 79705-551	0 (915) 682-9756	Bonanza
5. Location of Well		
Footage : 863' FNL, 1689' FWL	County :	Uintah
QQ, Sec. T., R., M. : NE NW, Sec. 17, T10S, R23E	State :	
2 CHECK APPROPRIATE BOXES TO INDICATE NA	TURE OF NOTICE, REPOR	RT, OR OTHER DATA
NOTICE OF INTENT	SUBSEQ	UENT REPORT
(Submit in Duplicate)	(Submit O	riginal Form Only)
Abandonment New Construction	Abandonment *	New Construction
Casing Repair Pull or Alter Casing	Casing Repair	Pull or Alter Casing
Change of Plans Recompletion	Change of Plans	Shoot or Acidize
Conversion to Injection Shoot or Acidize	Conversion to Injection	☐ Vent or Flare
Fracture Treat Vent or Flare	Fracture Treat	☐ Water Shut-Off
Multiple Completion Water Shut-Off	_	atus Report
Other	Annual be	.acus Report
	Date of Work Completion	
Approximate Date Work Will Start		
	Report results of Multiple Completion	ons and Recompletions to different reservoirs
·	on WELL COMPLETION OR RECO	MPLETION AND LOG form.
	 Must be accompanied by a ceme 	ent verification report.
3. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertin	ent details, and give pertinent dates.	If well is directionally drilled, give subsurface
locations and measured and true vertical depths for all markers and zones pertin	ent to this work.)	,
The guhiert well has been terromously store to	Jun 1 1 1	
The subject well has been temporarily shut in		
be returned to production as soon as gas pric	es decome economical.	

FEB 0.5 1992

DIVISION OF OIL GAS & METING

4. I hereby certify t	hat the foregoing is true and correct			
lame & Signature	A.D. 1000	- S. D. Reed	Title Prod. Supt.	Date 1/31/92
State Use Only)				

STAT OF UTAH DEPARTMENT OF TURAL RESOURCES DIVISION OF OIL, GAS AND MINING

Form 9	STATE OF UTAH DEPARTMENT OF TURAL RESOURCE DIVISION OF OIL, GAS AND MININ	6. Lease Designation and Serial Number U-37355 7. Indian Allottee or Tribe Name	
SU	NDRY NOTICES AND REPORTS O	N WELLS	N/A
Do not use this form for p	roposals to drill new wells, deepen existing wells, or to ree Use APPLICATION FOR PERMIT— for such propor	nter plugged and abandoned wells.	8. Unit or Communitization Agreement N/A
1. Type of Well	9. Well Name and Number		
☐ Çil	CX Gas Other (specify)		Crooked Canyon Fed. #1-
2. Name of Operator			10. API Well Number
EP Operating	Company		4304730369
3. Address of Operator		4. Telephone Number	11. Field and Pool, or Wildcat
6 Desta Drive	, #5250, Midland, TX 79705-5510	915-682-9756	Bonanza
QQ, Sec, T., R., M.	: 863' FNL, 1,689' FWL (NE/4 NW/4 : Section 17, T10S, R23E APPROPRIATE BOXES TO INDICATE N. NOTICE OF INTENT (Submit in Duplicate)	State ATURE OF NOTICE, REPO	: UTAH
Abandonment Casing Repair Change of Plan Conversion to I Fracture Treat Multiple Compl X Other Chan Approximate Date	New Construction Pull or Alter Casing Recompletion Shoot or Acidize Vent or Flare etion Water Shut-Off ge of Operator	Abandonment * Casing Repair Change of Plans Conversion to Injection Fracture Treat Other Date of Work Completion Report results of Multiple Comple on WELL COMPLETION OR REC	
locations and measu	ED OR COMPLETED OPERATIONS (Clearly state all perti red and true vertical depths for all markers and zones perti	inent to this work.)	. If well is directionally drilled, give subsurface
Phoenix H P. O. Box	ydrocarbons Operating Corp.		g in the factor of the factor

79702 Midland, Texas

915-682-1186

Effective: September 1, 1992

DIVIDION OF OIL GAS & MINING

									•
14. I hereby certify	that the for	going is true and	correct						
Name & Signature			James_		Title	Landman	Date	11/23/9:	<u></u>
State Use Only)	Byron	W. James						·	



4849 Greenville Ave., Suite 1200 Dallas, Texas 75206-4186 214-369-7893 Edward L. Johnson Director Land Operations Gulf Coast Region

December 2, 1992

State of Utah Department of Natural Resources Division of Oil, Gas and Mining 355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203

DEC 0 7 1992

DIVISION OF OIL GAS & MINING

ATTENTION: Mr. R. J. Firth

Re: Change of Operator (Form 9)

Unitah & Duchesne Counties, Utah

Dear Mr. Firth:

Enclosed please find twenty-six (26) Form 9s transferring operations from EP Operating Company to Phoenix Hydrocarbons Operating Corp. If you have any questions regarding the above, please call me at (214) 987-6442.

Yours truly,

Wein Colards

Dean Edzards

DE:ks Enclosure

c: Mr. Randy Bailey
P. O. Box 2802
Midland, Texas 79702

Phoenix Hydrocarbons Operating Corp.

January 5, 1993

State of Utah Division of Oil, Gas, & Mining 3 Triad Center, #350 Salt Lake City, UT 84180-1203

Attention: Lisha Romero

RE: Sundry Notices

Enserch Exploration Inc. Acquisition

Dear Lisha:

Enclosed you will find the subject Sundry Notices. As per our telephone conversation in early December, we have signed a copy of the original notices which were filed by Enserch Exploration Inc. at the end of November.

In regards to the BLM notices, I am currently working with Enserch Exploration Inc. to get these filed.

If you should have any questions, please call.

Sincerely,

Rhonda Patterson

encl.

BEGISTEVE

JAN 1 3 1993

DIVISION OF OIL GAS & MINING

or m 9		STATE OF UTAH ENT OF VATURAL RESOURC N OF OIL, GAS AND MININ		•	U-3	Designation and Serial Number 7355 Allottee or Tribe Name
to not use this form for prop	osals to drill new	CES AND REPORTS C wells, deepen existing wells, or to rec TION FOR PERMIT— for such propo	enter (N/A	or Communitization Agreement
Type of Well Oil Well Name of Operator	K Gas Well	Other (specify)	·		Cro	oked Canyon Fed. #1-1 Fell Number
EP Operating Co Address of Operator 6 Desta Drive, Location of Well	2	land, TX 79705-5510		4. Telephone Number 915-682-9756	11. Field	4730369 and Pool, or Wildcat anza
QQ, Sec, T., R., M. :	Section 17	1,689' FWL (NE/4 NW/4 , T10S, R23E E BOXES TO INDICATE N		State	: Uin : UTAH DRT, OF	
Abandonment Casing Repair Change of Plans Conversion to Inje Fracture Treat Multiple Completic Other Change Approximate Date Wo	NOTICE OF II (Submit in Dup Cation On Of Operat	NTENT licate) New Construction Pull or Alter Casing Recompletion Shoot or Acidize Vent or Flare Water Shut-Off		SUBSE (Submit Abandonment * Casing Repair Change of Plans Conversion to Injection Fracture Treat Other ate of Work Completion	OUENT FOR COMPLETIONS and F	REPORT orm Only) New Construction Pull or Alter Casing Shoot or Acidize Vent or Flare Water Shut-Off Recompletions to different reservoirs DN AND LOG form.
Change of Op Phoenix Hyd P. O. Box 2 Midland, Te 915-682-118	and true vertical of the control of		inent	details, and give pertinent dates to this work.)	. If well is 0	directionally drilled, give subsurface
				Ti,	مستر	

JAN 1 3 1993

14. I hereby certify that the foregoing is true and correct Title Landman Name & Signature (State Use Only) Byron W. James

PHOENIX HYDROCARBONS OPERATING CORP. NAME & SIGNATURE

TITLE/DATE

See Instructions on Reverse Side

Fora 3160-5 (December 1989)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED Budget Bureau No. 1004-0135

Expi	res: S	eptembe	r 30,	1990
ease De				

u-37355

SUNDRY NOTICES AND REPORTS ON WELLS 6 If Indian, Allottee or Tribe Name Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT-" for such proposals 7. If Unit or CA. Agreement Designation SUBMIT IN TRIPLICATE 1. Type of Well 8 Well Name and No. Oil Well X Gas Well Other Crooked Canyon Fed #1-17 2. Name of Operator 9. API Well No. Phoenix Hydrocarbons Operating Corp. 43-047-30369 3. Address and Telephone No 10. Field and Pool, or Exploratory Area Midland, TX 79701 (915)682-1186 415 West Wall, #703 Bonanza 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 11. County or Parish, State NFNW Sec 17, T10S, R23E Uintah CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF ACTION TYPE OF SUBMISSION Change of Plans Notice of Intent Abandonment New Construction Recompletion Non-Routine Fracturing Plugging Back Subsequent Report Water Shut-Off Casing Repair Conversion to Injection Altering Casing Final Abandonment Notice change of Operator (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Effective September 1, 1992, Phoenix Hydrocarbons Operating Corp. became the Operator of the above named well from EP Operating Company. Reporting

responsibilities transferred hands December 1, 1992.

ENSERCH

MAR 1 1 1993 DIVISION OF OIL GAS & MINING

RECEIVED

FFR 0 8 1993

14. I hereby certify that the

President

(This space for Fede

MAR Date

1993

Title 18 U.S.C. Section 1001 makes it a crime for any person knowingly and willfully to make to any department of agent, it the United States are subset learning or fraudalent detection or representations as to any matter within at ourisalition

	of Oil, Gas and Mining R-CHANGE HORKSHEET			Routing:
	l documentation received by the division regard each listed item when completed. Write N/A if i		ble.	2 DTS 7-LECT 3-VLC 4-RJF
-		Designation of Operator Name C		5-RWM 6-ADA
he ope	rator of the well(s) listed below has	changed (EFFEC	TIVE DATE:	9-1-92
O (new	operator) PHOENIX HYDRO OPER CORP (address) PO BOX 2802 MIDLAND TX 79702 RHONDA PATTERSON phone (915) 682-1186 account no. N 9880	FROM (former	operator) (address)	EP OPERATING CO. LP 6 DESTA DRIVE #5250 MIDLAND TX 79705-5510 BYRON JAMES, LANDMAN phone (915)682-9756 account no. N 0400
ell(s)	(attach additional page if needed):			
Name:_ Name:_ Name:_ Name:_ Name:_	#*SEE ATTACHED** API:	Entity: Entity: Entity: Entity: Entity:	SecTw SecTw SecTw SecTw SecTw	pRng Lease Type: pRng Lease Type: pRng Lease Type: pRng Lease Type:
1	OR CHANGE DOCUMENTATION (Rule R615-8-10) Sundry or other 1 operator (Attach to this form). Check of the Company of the legal (Attach to this form). Check of the legal (Attach to this form). Check of the legal (Attach to this form). Check of the legal (Attach to this form).	12-7-127 1 documentation		
	The Department of Commerce has been coperating any wells in Utah. Is comyes, show company file number:	npany registere	d with the	state? (yes/no) If
	(For Indian and Federal Hells ONLY) (attach Telephone Documentation For comments section of this form. Manachanges should take place prior to co	m to this rep agement review	of Federa	l and Indian well operator
	changes should take place prior to co Changes have been entered in the Oil listed above. $(2.15-93)$			
<u>le2</u> 6.	Cardex file has been updated for each	well listed ab	ove. (3.15-9.	3)
<u>l</u> e 7.	Well file labels have been updated fo	r each well lis	ted above.	(3-15-93)
<u>[ic</u> 8.	Changes have been included on the mo for distribution to State Lands and t	nthly "Operator he Tax Commissi	on. <i>(3-15-93</i>	and Account Changes" memo
<u>iec</u> 9.	A folder has been set up for the Ope placed there for reference during rou	rator Change f ting and proces	ile, and a ssing of th	copy of this page has been e original documents.
			33.3	

(12/93)

FORM 10

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING
355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

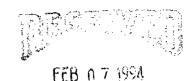
Page 1 of 5

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:			UTA	H ACCOUNT NUMBE	R:	
RHONDA PATTERSON PHOENIX HYDRO OPER CORP PO BOX 2802	•		REPO	ORT PERIOD (MONTH	12 / 9	3
MIDLAND TX 79702			AME	NDED REPORT (1	Highlight Changes)	,
Well Name	Producing	Well	Days		Production Volumes	
API Number Entity Location	Zone	Status	Oper	OIL(BBL)	GAS(MCF)	WATER(BBL)
GULF STATE 36-11 4304731350 00040 085 18E 36	GRRV			ml-22057		
GULF STATE 36-13 4304731345 # 00045 085 18E 36	GRRV		-	mL-22057		
LOVE UNIT #1 	WSTC			- U-8344 \		
LOVE UNIT 1-12 4204555566 01366 115 21E 12	WSTC			u-8344		
LOVE UNIT 4-1 4304730640 01366 115 21E 4 LOVE UNIT A1-18	WSTC			u-8347	(Sepan	Le Chg. 3/947
#304740706 01366 115 22E 18	WSTC			U-8348	LOVE UN	· · · · · · · · · · · · · · · · · · ·
#120148832079.01366 115 21E 10	WSTC			u-8347		
LOVE UNIT B2-3 4304444444 01366 115 21E 3	WSTC			- U-8347 /		
LAFKAS FED 1-3 4304731178 01367 115 20E 3	MVRD		_	U-34350	CF-201 (separat	chg)
BITTER CREEK 1-3 4304730524 01460 115 22E 3 CROOKED CANYON 1-17	MVRD			U-29797		****
A304730369 01465 10S 23E 17	MVRD		-	- U-37355		
4304730378 01466 10S 23E 9	MVRD			<i>u-37355</i>		
4304730383 01467 10S 23E 8	MVRD		<u> </u>	U-37355		
			TOTALS			•
COMMENTS: Ship EFEE V	940228	Partial	Chg.			4
the fall of the second						
LEASE BASIS / Vernal Byna	· · · · · · · · · · · · · · · · · · ·					
hereby certify that this report is true and complete to	the best of m	y know ledg e	.	I	Date:	
Name and Signature:	Lens or			<u> </u>	Telephone Number:	

SNYDER OIL CORPORATION

1625 Broadway, Suite 2200 Denver, Colorado 80202 Phone 303-592-8579



man in the contract of the grade

Oth Brown Of Oth Brown

January 13, 1994

State of Utah Division of Oil, Gas, & Mining 3 Triad Center, #350 Salt Lake City, UT 84180-1203

Attention: Lisha Cordova

RE: Change of Operator

Sundry Notices

Dear Ms. Cordova:

Effective January 1, 1994, Phoenix Hydrocarbons Operating Corp. will transfer all operations in Utah to Snyder Oil Corporation.

Snyder Oil Corporation is covered by Utah State Bond #582488 and Federal Bond #579354 (Guld Insurance Company).

Attached you will find a list of all wells to be operated by Snyder Oil Corporation. Please note: all of Phoenix Hydrocarbon Operating Corp.'s wells should be transferred.

If you should have any questions, please call.

Sincerely,

Steven G. Van Hook Attorney-in-Fact

Enclosures

INTEROFFICE COMMUNICATION SNYDER OIL CORPORATION

TO:

George Rooney

FROM:

Steve Van Hook

DATE:

January 17, 1994

RE:

Phoenix Acquisition

Transfer of Operator Forms

PFB n 7 1994

CHANCH OF OIL GAS & MINING

Accompanying this memo are the following items related to the Phoenix acquisition which require your further handling:

Notes Capter

Original letter dated 12/20/93 from Phoenix to the State of Utah Oil, Gas & Mining Division, with exhibit listing all wells in which SOCO becomes operator. Please mail ASAP with our enclosed cover letter advising SOCO is assuming operations.

Separate executed forms to transfer operations on the Southman Canyon SWD #3 well. Please complete the contact portion of these forms and forward for approval with the State of Utah.

3. For the Walker Hollow Unit, enclosed is a 1/14/94 cover letter from Phoenix Hydrocarbon with a Sundry Notice executed by SOCO and Phoenix for the following unit wells:

McLish #1, 2, 3, 4 Pan Am #2 Walker Hollow U6, J8

4. For operated wells on Federal lands, a separate file for the following wells is enclosed containing in each three original Sundry Notices of the BLM executed by SOCO and Phoenix. Please file with the BLM in triplicate for the following wells:

Castle Peak 1-3
Canyon View 1-18
Crooked Canyon 1-17
Federal 11-1-M

Madelive 4-3-C

Coors 1-14-D

Baser 5-1

No Name 2-9, 1-9

Willow Creek #2

Flat Mesa 2-7

Flat Mesa 1-7

Gusher 15-1-A

Southman Canyon 4-5, 4-4, 1-5

Baser Draw 6-2, 6-1

Memo Re: Phoenix/Transfer of Operator Forms January 17, 1994 Page 2

Wolf Govt. Federal #1
Monument Butte 2-3
Pete's Flat Federal 1-1
Willow Creek #1
Cliff Edge Fed 1-15
E. Gusher No. 3
Lizzard Creek 1-10
Federal 3-15
Monument Butte 1-3

Federal Miller 1
Sage Brush 1-8
Bitter Creek Federal 1-3
White River 1-14
Southman Canyon SWD #3
Federal 2-10 HB
Horseshoe Bend 2
Natural 1-7 (Love Unit)

Please advise should any questions arise.

SVH/lk

Attachments

Form 3160-5 (December 1989)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED Budget Bureau No. 1004-0135 Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals SUBMIT IN TRIPLICATE	6. If Indian. Allottee or Tribe Name 7. If Unit or CA. Agreement Designation
SUBMIT IN TRIPLICATE	•
SUBMIT IN THE ZEOTTE	
Oil Gas Well Other	8. Well Name and No. CVOOKED CANYON #1-1 9. API Well No. 43-047-30369
1025 Broadway, #2200, Benver, 30 3020	10. Field and Pool, or Exploratory Area
Sec 17, T-10-5, R-23-E	UINTAN, UT
CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT	r, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
Notice of Intent Abandonment Recompletion Plugging Back Casing Repair Altering Casing Change Of Ope (Note: Report results of in Recompletion Report and	nultiple completion on Well Completion or Log form.)

give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.19 13. Describe Proposed or Completed Operations

> Effective January 1, 1994, Snyder Oil Corporation will become the operator of the referenced well from Phoenix Hydrocarbons Operating Corp.

Snyder Oil Corporation is covered under Federal Bond #579354 · (Gulf Insurance Company) and Utah State Bond #582488.

FEB 2 2 1994

a 111		
	Attorny-in- Fect	Date
(This space for Federal or State office use) (S HOWARD B. CLEAVINGER II Approved by Conditions of approval, if any:	ASSISTANT DISTRICT MANAGER MINERALS	PEB 1 7 1994
1.4 (1.5 C) Section (AB) makes it is complete the person knowingly and willfully	o make to any department or agence of the Vi	nigo Stato (uno caso licto de Procultura (uso

Form 3160-5 (December 1989)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED Budget Bureau No. 1004-0135
Expires: September 30, 1990

5. Lease Designation and Serial No.

BUREAU OF	LAND MANAGEMENT	11-37355
Do not use this form for proposals to d	AND REPORTS ON WELLS rill or to deepen or reentry to a different reservoir. R PERMIT—" for such proposals	
SUBMI	TIN TRIPLICATE	7. If Unit or CA. Agreement Designation
1. Type of Well Oil Well Well Other		8. Well Name and No. Crooked Canyan #1-17
2 11 2 2	ons Operating Corp.	9. API Well No. 43 047 - 30369
3. Address and Telephone No. 415 West Wall, #7		10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey C		11. County or Parish. State
Sec 17, T-10-5, R:		Vintah, UT
12. CHECK APPROPRIATE BOX	s) TO INDICATE NATURE OF NOTICE. REPO	AT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
Notice of Intent	Abandonment Recompletion	Change of Plans New Construction
Subsequent Report	Plugging Back	Non-Routine Fracturing
	Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing Change of Op	Conversion to Injection
	Other (Note: Report results of Recompletion Report a	t multiple completion on Well Completion or
Effectiv	FEB 2 2 1094	ion
14. I hereby certify that the toregoinests true and correct Signed (This space for Federal of Stage office use)	Title President ASSISTANT DISTRICT	
Approved by ISI HOWARD B. CLEAVIN		Date
Conditions of approvate it any	IGEN II	

Fing K 1 S C Segretar (AM) makes the commencer one market community and widdles to make to any department or agent, or the finder State Line Country Country Country

Phoenix Hydrocarbons Operating Corp.

December 20, 1993

State of Utah Division of Oil, Gas, & Mining 3 Triad Center, #350 Salt Lake City, UT 84180-1203

FEB 2 8 1994

Attention: Lisha Cordova

RE: Change Of Operator

Sundry Notices

Dear Lisha:

Effective January 1, 1994, Phoenix Hydrocarbons Operating Corp. will transfer all operations in Utah to Snyder Oil Corporation.

Snyder Oil Corporation is covered by Utah State Bond #582488 and Federal Bond #579354 (Guld Insurance Company).

Attached you will find a list of all wells to be Operated by Snyder Oil Corporation. Please note: all of Phoenix Hydrocarbon Operating Corp.'s well should be transferred.

If you should have any questions, please call.

Sincerely,

Rhonda Patterson

encl.

Post-it [™] Fax Note	7671	Date # of pages ▶ 3
To Juha Co. Dept.		Co. Brokens
Phone #		Phone #
Fax #		Fax #

UINTAH COUNTY

Well Name	LEAGE	API	LOCATION
	NUMBER	NUMBER	
Gust State 36-11	ML-22057	43-047-31350	SEC 36, T-8-S, R-18-E
Gutf State 36-12	ML-22057	43-047-31864	SEC 36, T-8-S, R-18-E
Guff State 36-13	ML-22057	43-047-31345	SEC 36, T-8-S, R-18-E
Gulf State 36-22	ML-22057	43-047-31892	SEC 36, T-8-S, R-18-E
Pariette Draw 29-44	FEE	43-047-31408	SEC 28, T-4-S, R-2-W
Federal Miller #1	UTU0136484	43-047-30034	SEC 4, T-7-S, R-22-E
Walf Govt # 1	UTU076939	43-047-15809	SEC 6, 1-7-S, R-22-E
McLish #1 (WelkerHollow)	SL-066341	43-047-20290	SEC 6, T-7-S, R-23-E
McLish #2 (WalkerHollow)	SL-066341	43-047-30011	SEC 8, T-7-S, R-23-E
McLish #3 (WalkerHollow)	SL-066341	43-047-30027	SEC 8, T-7-S, FI-23-E
McLish #4 (WalkerHollow)	SL-066341	43-047-30030	SEC 8, 1-7-5, R-23-E
Walker Hollow U-6	SL-056341	43-047-31034	SEC 8, T-7-S, R-23-E
Pari American #2	SL-066341		SEC 9 T-7-S, R-23-E
Walker Hollow U-8	SL-086341	43-047-31092	SEC 8, T-7-S, R-23-E
Baser 6-1	UTU076939	43-047-31833	SEC 6. T-7-S, R-22-E
Baser d-1	UTU075939		SEC 6, T-7-S, A-22-E
Baser d-2	UTU076939	43-047-31859	SEC & T-7-S, R-22-E
Southman 1-5	UTU33433	43-047-30856	SEC 6, T-10-S, FI-23-E
Southman 4-4	UTU33433	43-047-30632	SEC 4, T-10-S, R-23-€
Southman 4-5	UTL/3/3433	43-647-30633	SEC 6, T-10-S, R-23-E
East Gusher 15-1-A	UTU58097	43-047-31900	SEC 16, T-8-S, R-20-E
Coors 14-1-D	UTU65223	43-047-31304	SEC 14, Y-7-S, R-21-E
East Gusher 2-1-A	ML-21181	43-047-31431	SEC 2, T-6-S, R-20-E
Madeline 4-3-C	UTU42469		SEC 4, T-7-S, R-21-E
Federal 6-6-H	UTU68999	43-047-31903	SEC 6 T-7-S. R-21-E
Federal 11-1-M	UTU64376	43-047-32333	SEC 11, T-6-S, R-20-€
Flat Mesa 1-7	U-36420	43-047-30362	SEC 7, T-10-S, FI-23-E
Flat Masa 2-7	U-38420		SEC 7, T-10-S, R-23-E
Crooked Carryon 1-17	U-37355	43-047-30369	SEC 17, T-10-S, R-23-E
Willow Creek 2	U-39223	43-047-31818	SEC 5, T-11-S, R-20-E
No Name Carryon 1-9	U-37355	43-047-30378	SEC 9, T-10-5, R-23-E
No Name Салуол 2-9	U-37355	43-047-31504	SEC 9, T-10-S, R-23-E
Carryon View Fed 1-18	U-38421	43-047-30379	SEC 18, T-10-S, R-23-E
Alger Pass #1	ML-36213		SEC 2, T-11-S, R-19-E
Sage Heri 1-6	U-38419	43-047-30362	SEC 6, T-10-6, R-23-E SEC 8, T-10-5, R-23-E
Sagebrush 1-8	U-37355	43-047-30383	SEC 15, T-10-S, FI-23-E
Sauthmen Carryon SWD 3	U-38427	43-047-16880	SEC 11, T-10-S, R-23-E
Jack Rebbit 1-11	U-38425	43-047-30423	SEC 15, T-10-S, R-23-E
CIIT Edge 1-16	U-38427	43-047-30462	SEC 14, T-10-5, FI-23-E
White River 1-14	U-36427	43-047-30481	SEC 3, T-11-5, R-22-E
Bitter Creek Fed 1-3	U-29797		SEC 16, T-10-S, FI-23-E
Lookout Point 1-16	ML-22196-A	43-047-30544	SEC 1, T-10-S, R-23-E
Peta's Flat Fed 1-1	U-40736		SEC 10, T-10-S, R-23-E
Sheepherder Fed 1-10	U-38261		SEC 12, T-10-S, R-23-E
NSO Fed 1-12	U-38422		SEC 10, T-12-S, R-21-E
Cottonwood Wash #1	U-40729		SEC 27, T-11-S, R-20-E
Willow Creek #1	U-34705		SEC 33, T-11-S, R-22-E
East Bench #1	U-25880		SEC 10, T-11-5, R-22-E
Lizzard Creek 1-10	U-25990		SEC 2, T-11-S, R-22-E
Archy Bench #1-2	ML-22348-A		SEC 10, T-7-S, R-21-E
Coors 2-10-HB	UTU-65222		SEC 3, T-6-S, R-20-E
E Gusher #3	SL-065841-A		SEC 7, T-11-S, R-21-E
Natural 1-7	U-6345		SEC 16, T-10-S, R-23-E
Bonanza Federal 3-15	U-38428		SEC 3, T-11-S, R-20-E
Laficas 1-3	CR201		SEC 14, T-7-S, R-21-E
State 14-16	ML-40904		SEC 18, T-11-S, R-22-E
Love Unit 1-18	891019090A	43-047-30708	SEC 11, T-11-S, R-21-E
	891018090A	43-047-30817	SEC 12, T-11-S, R-21-E
Love Unit 1-11		43-047-30636	
Love Unit 1-11 Love Unit 1-12	891018090A		SEC 4 T-11-S R-21-F
Love Unit 1-12 Love Unit 4-1	891018090A	43-047-30640	SEC 4 T-11-S, R-21-E
Love Unit 1-12	891018090A 891018090A	43-047-30840 43-047-30709	SEC 10, T-11-S, A-21-E
Love Unit 1-12 Love Unit 4-1	891018090A	43-047-30640	

DUCHESNE COUNTY

Well Name	LEASE NUMBER	API NUMBER	LOCATION
Pleasant Valley 24-32	FEE	43-013-30888	SEC 24, T-4-S, R-2-W
Castle Peak 1-3	U-47172	43-013-30639	SEC 3, T-9-S, R-16-E
Monument Butte 1-3	U-44004	43-013-30642	SEC 3, T-9-S, R-17-E
Monument Butte 2-3	U-61252	43-013-30810	SEC 3, T-9-S, R-17-E
			·
		-	
		<u> </u>	



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal District Office 170 South 500 East Vernal, Utah 84078-2799

FEB 2 8 1994

N REPLY REFER TO: 3162.3 UT08438

February 17, 1994

Snyder Oil Corporation Attn: Mr. Steven C. Van Hook 1625 Broadway, Suite #2200 Denver, CO 80202

Re:

Well: Crooked Canyon 1-17

NENW, Sec. 17, T10S, R23E

Lease U - 37355 Uintah County, Utah

Dear Mr. Van Hook:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Snyder Oil Corporation is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. WY2272, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Ed Forsman of this office at (801)789-1362.

Sincerely,

Howard B. Cleavinger II

Assistant District Manager for Minerals

Division of Oil, Gas and Mining Routing: OPERATOR CHANGE WORKSHEET 1_MC/CIATE 2-**DZ9**37-SJ Attach all documentation received by the division regarding this change. 3-VLE 8-FILE Initial each listed item when completed. Write N/A if item is not applicable. 4_RIE V xx Change or Uperator (Well sold) ☐ Designation of Agent ☐ Operator ☐ Operator Name Change Only XXX Change of Operator (well sold) The operator of the well(s) listed below has changed (EFFECTIVE DATE: 1-01-94 TO (new operator) SNYDER OIL CORPORATION FROM (former operator) PHOENIX HYDRO OPER CORP (address) PO BOX 129 (address) PO BOX 2802 **BAGGS WY 82321** MIDLAND TX 79702 KATHY STAMAN RHONDA PATTERSON phone (307)383-2800 phone (915)682-1186 account no. N 1305 account no. N 9880 Hell(s) (attach additional page if needed): Name: **SEE ATTACHED** API: 047.30369 Entity: Sec_Twp_Rng_Lease Type:____ Name:_____ API:_____ Entity:____ Sec__Twp__Rng__ Lease Type:____ Name: _____ API: ____ Entity: ___ Sec _Twp _Rng _ Lease Type: ____ Name: _____ API: ____ Entity: ____ Sec __Twp __Rng __Lease Type: ____ Name: _____ API: ____ Entity: ____ Sec __Twp __Rng __ Lease Type: ____
 Name:
 API:
 Entity:
 Sec__Twp__Rng__ Lease Type:
 Lease Type:

 Name:
 API:
 Entity:
 Sec__Twp__Rng__ Lease Type:
 OPERATOR CHANGE DOCUMENTATION <u>FUC</u> 1. (Rule R615-8-10) Sundry or other <u>legal</u> documentation has been received from <u>former</u> operator (Attach to this form). (fee/d 2-28-94) $\cancel{\underline{\mu e}}$ 2. (Rule R615-8-10) Sundry or other $\underline{\underline{legal}}$ documentation has been received from $\underline{\underline{new}}$ operator (Attach to this form). (Red 2-7-94) N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____. 🗽 4. (For Indian and Federal Hells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below. 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (2-28-94) <u>ર્યાર</u> 6. Cardex file has been updated for each well listed above.*(2-28-94)* $\frac{2}{2}$ 7. Well file labels have been updated for each well listed above. (3-2-94) $\cancel{\cancel{LC}}$ 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (2-28-94) $arphi\ell$ arphi . A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ERATOR	CHANGE WORKSHEET (CONTINUED) Initial each item when completed. Write N/A if item is not applicable.
HIITY	REVIEW
Lee1.	(Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
<u>N/</u> 42.	State Lands and the Tax Commission have been notified through normal procedures of entity changes.
BOND VI	(Rule R615-3-1) The new operator of any fee lease well listed above has furnished a
<u>Le</u> 1.	(Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2.	A copy of this form has been placed in the new and former operators' bond files.
<u>Le</u> c 3.	The former operator has requested a release of liability from their bond (yes/no) Today's date
.EASE	INTEREST OHNER NOTIFICATION RESPONSIBILITY
ואנז	(Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
M/A 2.	Copies of documents have been sent to State Lands for changes involving State leases.
ILMIN	G .
1.	All attachments to this form have been microfilmed. Date: March 18 1994.
FILING	
<u>/</u> 1.	Copies of all attachments to this form have been filed in each well file.
,	The <u>original</u> of this form and the <u>original</u> attachments have been filed in the Operator Change file.
COMMEN	
_1402	28 Partiel Change only. (see separate change)
1577.15	A 35
IE71/3	4-73

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

SER 42 1994

DIVISION OF OIL, GAS, AND MINING	5. LEASE DESIGNATION AND SERIAL NO. U-37355		
SUNDRY NOTICES AND REPORTS OF	V WELLS	6. IF INDIAN, ALLOTTEE OR TRIBAL NA	ME
(Do not use this form for proposals to drill or to deepen or plug bacjk to a differen Use "APPLICATION FOR PERMIT" for such proposals.)	t reservoir.		
OIL GAS X OTHER		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Snyder Oil Corporation		8. FARM OR LEASE NAME	
3. ADDRESS OF OPERATOR 1625 Broadway, Suite 2200, Denver, CO 8	1	9. WELL NO. Crooked Canyon Fed	deral #1-17
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 853' FNL 1689' FWL NE NW Sec 17-T10S-R23E		10. FIELD AND POOL, OR WILDCAT Natural Buttes	
633 FAL 1067 FWE ALTAW Sec 17-1		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	
14. API NUMBER 15. ELEVATIONS (Show whether DF, RT, G	R, etc.)	12. COUNTY OR PARISH	13. STATE
	7' KB	Uintah	UT
16. Check Appropriate Box To Inidcate Nature of Not	_ · · · •		
NOTICE OF INTENTION TO: TEST WATER SHUT-OFF PULL OR ALTER CASING	SUBSEQ WATER SHUT-OFF	UENT REPORT OF: REPAIRING WELL	
FRACTURE TREAT X MULTIPLE COMPLETE X	FRACTURE TREATMENT	ALTERING CASING	
SHOOT OR ACIDIZE X ABANDON*	SHOOTING OR ACIDIZING	ABANDONMENT*	
REPAIR WELL CHANGE PLANS	(OTHER)		
(OTHER)	(Note: Report results Completion or Reco	s of multiple completion on Well mpletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Snyder Oil Corporation intends to squeeze the perforations in the Mesaverde formation that are making water, perforate a lower portion of the Mesaverde formation, and then fracture stimulate those perforations.

Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY

18. I hereby certify that the foregoing is SIGNED NORTH TOWN	TITLE SR. Pot plan Ensinon.	DATE 9/9/94
(This space to Federal of State office use APPROVED BY CONDITIONS OF APPROVAL, IF ANY	TITLE	DATE



Snyder Oil Corporation

P.O. Box 695 Vernal, Utah 84078 801/789-0323

February 29, 1996

Utah State Division of Oil Gas & Mining 3 Triad Center, Suite #350 355 W. North Temple Salt Lake City, UT 84180-1203

MAR - 1 1996

RE: Site Security Diagrams

Gentlemen:

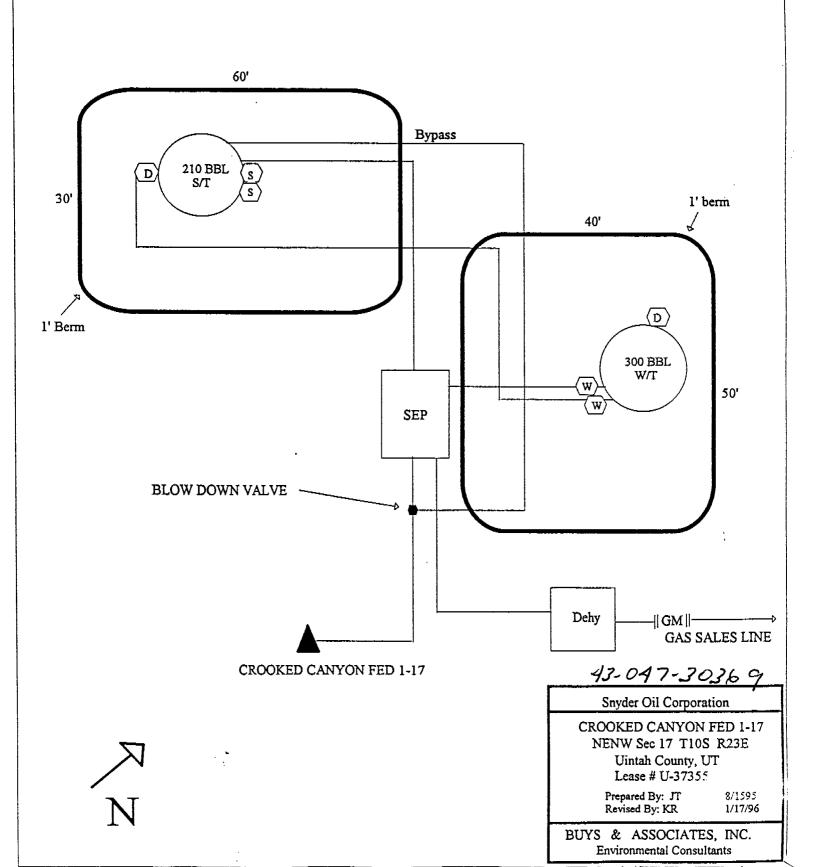
Enclosed are copies of Site Security Diagrams for wells operated by Snyder Oil Corporation. We will send you copies of the rest of the diagrams when we receive them from Buys and Associates. If you have any questions, please contact me at 801-789-0323.

Sincerely,

Lucy Nemec Senior Clerk

SITE SECURITY PLAN LOCATED AT:

SNYDER OIL CORPORATION P.O. BOX 695 VERNAL, UT 84078



SNYDER OIL CORPORATION

VALVING DETAIL

(Site Security Diagram Attachment)

Position of Valves and Use of Seals for Tanks in Production Phase

Valve	Line Purpose	Position	Seal Installed
E	Overflow/Equalizer	Closed	Yes
F	Fill	Open	No
W	Water	Closed	Yes
D	Drain	Closed	Yes
S	Sales	Closed	Yes

Position of Valves and Use of Seals for the Tank in Sales Phase

Valve	Line Purpose	Position	Seal Installed
Е	Overflow/Equalizer	Closed	Yes
F	Fill	Closed	Yes
W	Water	Closed	Yes
D	Drain	Closed	Yes
S	Sales	Closed*	Yes

^{*}The sales line will be opened by the purchaser at the time of sale. Until that time the sales line will remain closed and sealed.

FORM 3160-5 (June 1990)

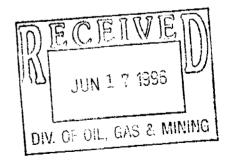
BUREAU OF LAND MANAGEMENT

FORM APPROVE
Budget Bureau No.

Į.	Budget Bureau No. 1004-0135
	Expires: March 31, 1993
	The standard Carlet Ma

SUNDRY NOTICES ANI	5. Lease Designation and Serial No. U-37355	
Do not use this form for proposals to drill or to Use "APPLICATION F	6. If Indian, Allottee or Tribe Name	
SUBMIT II	7. If Unit or CA, Agreement Designation	
I. Type of Well Oil Well X Well Other		8. Well Name and No. Crooked Canyon 1-17 9. API Well No. 43-047-303690
2. Name of Operator SNYDER OIL CORPORATION 3. Address and Telephone No.	10. Field and Pool, or Exploratory Area Natural Buttes	
P. O. Box 695, Vernal, UT 84078 4. Location of Well (Footage, Sec., T., R., m., or Survey Description) 863' FNL 1689' FWL SLB&M	801/789-0323 NE/NW Section 17, T10S, R23E	11. County or Parish, State Uintah County, Utah
12. CHECK APPROPRIATE BO	X(s) TO INDICATE NATURE OF NOTICE	, REPORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF	
X Notice of Intent Subsequent Report Final Abandonment Notice	Abandonment Recompletion Plugging Back Casing Repair Altering Casing X Other TA Status	Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
Describe Proposed or Completed Operations (Clearly state all per ally drilled, give subsurface locations and measured and	tinent details, and give pertinent dates, including estimated date of true vertical depths for all markers and zones pertinent to this wor	starting any proposed work. If well is direction- k.)*

Snyder Oil Corporation requests approval to place the above referenced well on TA status pending evaluation of upper zones.



Signed Lucy Nemec	Title Senior Clerk Accept	ed by the Date 07-Jun-96
(This space for Federal or State office use) Approved by	Utah D	1. 4 . 6 . 1 . 2
Conditions of approval, if any:		and maily
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and statements or representations as to any matter within its jurisdiction.	willfully to make to any department of 12 m y q	accounts any mass, mander



1200 Smith, Suite 3300 Houston, Texas 77002 713-646-6600

June 7, 1999

State of Utah Division of Oil, Gas & Mining 355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, UT 84180-1203

RE: \$80,000 Surety Blanket P & A Bond #5736975

Dear Sir or Madam:

Santa Fe Snyder Corporation was formed when Snyder Oil Corporation was merged into Santa Fe Energy Resources, Inc. on May 5, 1999. Copies of the approved merger, issued by the Delaware Secretary of State, are enclosed for your files.

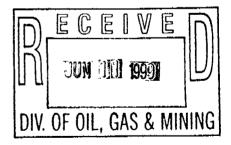
As this merger causes "Snyder" to cease to exist and their activities are covered by bond #JZ7777, please release bond # 5736975 and return it to the sender.

Thank you for your assistance in this matter.

Very truly yours,

Phillip W. Bode

Enclosure



Santa Fe Energy Resources, Inc.

June 7, 1999

State of Utah Division of Oil, Gas & Mining 355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, UT 84180-1203

RE: \$80,000 Surety Blanket P & A Bond #JZ7777

Dear Sir or Madam:

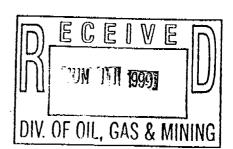
Enclosed is the above bond for Santa Fe Snyder Corporation. This corporation was formed when Snyder Oil Corporation was merged into Santa Fe Energy Resources, Inc. on May 5, 1999. Copies of the approved merger, issued by the Delaware Secretary of State, are enclosed for your files.

Thank you for your assistance in this matter.

Very truly yours,

Phillip W. Bode

Enclosure

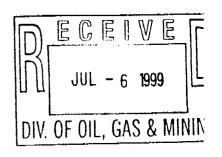




United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155



In Reply Refer To: 3106 U-19037 et al (UT-932)

nn 1 1999,

NOTICE

Santa Fe Snyder Corporation 840 Gessner, Suite 1400 Houston, TX 77024 Oil and Gas

Merger Recognized
Name Change Recognized

Acceptable evidence has been filed in this office concerning the merger of Snyder Oil Corporation into Santa Fe Energy Resources, Inc. and the name being subsequently changed to Santa Fe Snyder Corporation as the surviving entity.

For our purposes the merger and name change are recognized effective June 1, 1999, per company request.

The oil and gas lease files identified on the enclosed exhibits have been noted as to the merger and name change. The exhibits were compiled from lists supplied by Santa Fe Snyder Corporation. We have not adjudicated the case files to determine if the entities affected by the merger and name change hold an interest in the leases identified, nor have we attempted to identify leases where the entities are the operator on the ground, maintaining no vested record title or operating rights interest. We are notifying the Minerals Management Service and all applicable BLM offices of the merger and name change by a copy of this notice. If additional documentation for a change of operator are required by our Field Offices, you will be contacted by them.

By recognition of the merger and the name change the principal on bonds held by Snyder and Santa Fe are automatically changed to Santa Fe Snyder Corporation. Riders to Nationwide Bond No. 400JF 5493 (BLM Bond No. UT0855) and Nationwide Bond No. 5473615 (BLM Bond No. WY2912) have been filed in the Utah State Office. It is the request of Santa Fe Snyder Corporation to change the name on BLM Bond No. UT0855 to reflect the merger/name change, and to terminate the period of liability on BLM Bond No. WY2912. A decision regarding this matter will follow in due course.

Christopher J. Merritt Acting Group Leader, Minerals Adjudication Group

Enclosures

- 1. Santa Fe Energy Resources, Inc. Exhibit of Leases
- 2. Snyder Oil Corporation Exhibit of Leases

cc: All State Offices

Moab Field Office Vernal Field Office

Vernal Field Office
MMS-Reference Data Branch, MS 3130, P.O. Box 5860, Denver, CO 80217
State of Utah, DOGM, Attn: Kristen Risbeck (Ste. 1210) Box 145801, SLC, UT 84114-5801
St. Paul Fire & Marine Insurance Co., 385 Washington St., St. Paul, MN 55102
SAFECO Insurance Company of America, SAFECO Plaza, Seattle, WA 98185
Santa Fe Snyder Corp., Attn: Phyllis Sobotik, 1625 Broadway, #2200, Denver, CO 80202

Irene Anderson (UT-932) Teresa Thompson (UT-931)

SANTA FE LEASES

LESSOR	STATE	<u>LESSOR</u>	STATE
BLM NMNM-92488	NM	BLM WYW-59145	WY
BLM NMNM-45235	NM	BLM WYW-43661	WY
BLM NMNM-24877	NM	BLM WYW-0311938	WY
BLM NMNM-93398	NM	BLM WYW-52562	WY
BLM NMNM-96591	NM	BLM WYW EV-022932	WY
BLM NMNM-77894	NM	BLM WYW-27645	WY
BLM NMNM-65900	NM	BLM WYW-043930-A	WY
BLM NMNM-87977	NM	BLM WYW EV-026056	WY
BLM NMNM-65864	NM	BLM WYW-0322610	WY
BLM NMNM-95879	NM	BLM WYW-0320213	WY
BLM NMNM-97394	NM	BLM EV-023313-A	WY
BLM NMNM-98005	NM	BLM WYW-9578	WY
BLM NMNM-98006	· NM	BLM WYW-96918	WY
BLM NMNM-98010	NM	BLM WYW-0320078	WY
BLM NMNM-95418	MM	BLM WYW-035599	WY
BLM NMNM-25667	NM	BLM WYW-2120	WY
BLM NMNM-98300	NM	BLM WYEV-024469	WY
BLM NMNM-98033	NM	BLM WYW-0136175	WY
BLM NMNM-998271	NM	BLM WYW-0136177	WY
BLM NMNM-98305	NM	BLM WYW-05991	WY
BLM NMNM-91179	NM	BLM WYW-02736	WY
BLM NMNM-85420	NM	BLM WYW EV-025548	WY
BLM NMNM-100956	NM	BLM EV-023313-E	WY
BLM NMNM-58393	NM	BLM EV-023313-B	WY
BLM OKNM 23555	OK	BLM WYW-21124	WY
BLM NM 15074 (OKLA)	ОК	BLM WYW EV-022931	WY
BLM UTU-19037	UT	BLM WYW-61240	WY
BLM UTU-55626	UT	BLM WYW-18480	WY
BLM UTU-38354	UT	BLM WYW-51654	WY
BLM UTU-38401	UT	BLM WYW-50676	WY
BLM UTU-38430	UT	BLM COC-036289 A&B	WY
BLM UTU-42823	UT	BLM WYW-0942	WY
BLM WYEV-026201	WY	BLM WYW-63210	WY
BLM WYW-35860	WY	BLM WYW-66866	WY
BLM WYW-47198	WY	BLM WYW-102793	WY
BLM WYEV-022765	WY	BLM WYW-107726	WY
BLM WYEV-023941 BLM WYEV-026196	WY	BLM W-70335	WY
BLM WYEV-026201	WY	BLM W-70496 BLM W-70326	WY
BLM WYEV-026201	WY WY	BLM W-55746	WY
BLM WYEV-026204	WY	BLM W-56480	WY
BLM WYEV-026205	WY	BLIVI VV-3046U	WY
BLM WYEV-026208	WY		
BLM WYEV-026209	WY		
BLM WYW-04674	WY		
BLM WYW-023207	WY		
BLM WYW-023211	WY		
BLM WYW-0268735	WY		
BLM WYCHEY-037066	WY		
BLM WYW-58075	WY		
BLM WYW-17284	WY		
BLM WYW-17296	WY		
BLM WYW-17282(A)	WY		
BLM WYW-55067	WY		

SNYDER LEASES

LESSOR	STATE	LESSOR	STATE
USA COC-33237	co	USA U-0136484	UT
USA COC-36719	CO	USA U-37573	ÜT
USA LAES 49122	LA	USA U-33433	ÜT
USA LAES 49123	LA	USA U-47172	ŪŤ
USA LAES 49124	LA	USA U-37355	UT
USA LAES 49125	LA	USA UTU-15855	UT
USA LAES 49127	LA	USA U-0142175	UT
USA LAES 49128	LA	USA UTU-02651	UΤ
USA LAES 49129	LA	USA UTU-02651-B	UT
USA LAES 49130	LA	USA U-34705	UT
USA LAES 49131	LA	USA U-40729	UT
USA LAES 49132	LA	USA U-58097	UT
USA LAES 49133	LA	USA U-30289	UT
USA LAES 49134	LA	USA UTU-72632	UT
USA LAES 49135	LA	USA UTU-73013	UT
USA LAES 49136	LA	USA UTU-64376	UT
USA LAES 49137	LA	USA UTU-38261	UT
USA LAES 49138	LA	USA UTU-28212	UT
USA LAES 49139	LA	USA UTU-28213	UT
USA LAES 49140	ŁA	USA UTU-38419	ŪT
USA LAES 49141	LA	USA U-53861	UT
USA LAES 49142	LA	USA UTU-38418	UT
USA LAES 49143	LA	USA UTU-66401	ŪT
USA LAES 49144	LA	USA U-38423	UT
USA LAES 49145	LA	USA UTU-38425	ŪT
USA LAES 49146	LA	USA U-38421	UT
USA LAES 49147	LA	USA UTU-38428	UΤ
USA LAES 49148	LA	USA U-38420	UT
USA LAES 49149	LA	USA UTU-34350	UT
USA LAES 49150	LA	USA UTU-39223	UΤ
USA LAES 49151	LA	USA U-64923	UT
USA LAES 49152	LA	USA UTU-40736	UT
USA LAES 49153	LA	USA U-075939	UT
USA LAES 49154	LA	USA U-70235	UT
USA LAES 49155	LA	USA UTU-44426	UT
USA LAES 49156	LA	USA UTU-57495	UT
USA LAES 49157	LA	USA UTU-57503	UT
USA LAES 49158	LA	USA UTU-52106	UT
USA LAES 49159	LA	USA UTU-59121	UT
USA LAES 49160	LA	USA UTU-73009	UT
USA LAES 49161	LA	USA UTU-73010	UT
USA LAES 49162	LA	USA UTU-50490	UT
USA LAES 49163	LA	USA UTU-65126	UT
USA LAES 49164	LA	USA UTU-49228	UT
USA LAES 49165	LA	USA UTU-53127	UT
USA LAES 49166	LA	USA UTU-65132	UT
USA LAES 49167	LA	USA UTU-63951	UT
USA LAES 49168	LA	USA UTU-47483	UT
USA LAES 49169	LA	USA UTU-63978	UT
USA LAES 49170	LA	USA UTU-69116	UT
USA LAES 49171	LA	USA UTU-65138	UT

Page 1

SNYDER LEASES

LESSOR	STATE	LESSOR	STATE
USA LAES 49172	LA	USA UTU-54774	UT
USA LAES 49173	LA	USA UTU-71230	UT
USA LAES 49174	LA	USA UTU-71234	ÜT
USA LAES 49175	LA	USA UTU-44799	UT
USA LAES 49176	LA	USA UTU-57512	UT
USA LAES 49177	LA	USA UTU-53084	ŪŤ
USA LAES 49178	LA	USA UTU-53938	UT
USA LAES 49179	LA	USA UTU-61936	UT
USA LAES 49180	LA	USA UTU-47127	UΤ
USA LAES 49181	LA	USA UTU-53918	UT
USA LAES 49183	LA	USA UTU-47484	UT
USA LAES 49194	LA	USA UTU-53946	UT
USA LAES 49198	LA	USA UTU-53941	UT
USA LAES 49199	LA	USA UTU-42531	UT
USA LAES 49200	LA	USA U-49245	UT
USA LAES 49201	ŁA	USA U-50802	UT
USA MTM-38582-A	MT	USA UTU-0647	UT
USA MTM-63708	MT	USA UTU-50687	ÜT
USA M-13323 (ND)	ND	USA UTU-37116	UT
USA M-68863 (SD)	SD	USA UTU-59122	ÜT
USA UTU-70189	UT	USA UTU-63985	ŨŤ
USA UTU-73175	ŪŤ	USA UTU-52298	ÜΤ
USA UTU-73434	ŪŤ	USA UTU-7386	UT
USA UTU-73435	ÜT	USA UTU-67178	UT
USA UTU-73444	ŪŤ	USA UTU-67549	UT
USA UTU-73450	ŬŤ	USA UTU-74416	UT
USA U-8345	UT	USA UTU-74413	ÜΤ
USA U-14646	ŪΤ	USA UTU-73900	ŬŤ
USA U-66746	ŪT	USA UTU-67868	ÜT
USA UTU-42469	ŪΤ	USA UTU-74414	UT
USA U-65222	UT	USA UTU-49530	ŪΤ
USA U-61263	UT	USA UTU-53860	ŬŤ
USA UTU-29535	ŪT	USA UTU-34711	UT
USA U-25880	UΤ	USA UTU-46699	ŪT
USA U-65223	UT	USA UTU-73643	ŪŤ
USA U-29797	UΤ	USA UTU-0141804	ÜT
USA UTU-0109054	UT	USA UTU-75091	UT
USA UTU-8346	UT	USA UTU-75097	ŪT
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USA UTU-8344	UT	USA UTU-75096	ŪT
USA U-8344-A	UT	USA UTU-74415	UT
USA UTU-8348	UT	USA UTU-38401	UT
USA U-38424	UT	USA UTU-38411	UT
USA U-38427	UT	USA UTU-31260	UT
USA SL-065841-A	ŲT	USA UTU-59654	ÛT
USA UTU-31736	UT	USA U-14219	UT
USA U-38426	UT	USA UTU-30123	UT
USA U-44090-A	UT	USA UTU-34714	ŪT
USA U-71694	UT	USA UTU-10134	ÛT
USA U-72028	UT	USA UTU-10830	UT
USA U-51026	UT	USA UTU-14223	UT

Santa Fe Snyder Corporation

July 2, 1999

Utah Division of Oil, Gas & Mining 1594 W. North Temple, Suite 1210 P. O. Box 145801 Salt Lake City, Utah 84114-5801

Attn.: Ms. Kristen Risbeck

RE: Company Merger

Surety Bond Number - JZ 7777 Operator Number - N2000

Dear Ms. Risbeck:

Snyder Oil Corporation (SOCO) and Santa Fe Energy Resources, Inc. (Santa Fe) have merged to form Santa Fe Snyder Corporation (SFS). The legal acceptance date of the merger is May 5, 1999. However in an effort to simplify documentation issues, SFS requests that June 1, 1999 be used as the effective date of merger.

Please change all operated facilities, Applications to Drill (approved and in process) and any other regulatory filings from Snyder Oil Corporation to Santa Fe Snyder Corporation. Attached is the following information in support of this request.

Copy of Merger Certificate
Copy of the Office of the Secretary of State's Acceptance
Sundry Notices for Properties Located on Fee or State Land
Sundry Notice for Federal Properties
Spreadsheet of all Utah Facilities Operated by SOCO

All correspondence, documents, notifications, etc. should continue to be sent to SFS at the following address

1625 Broadway, Suite 2200 Denver, CO 80202

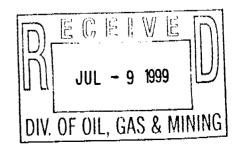
Please inform SFS when this request has been accepted and the changes are finalized. If any questions arise or additional information is required, please contact me at 303-592-8668.

yllis Sobotik

/ps

Enclosures:

1625 Broadway Suite 2200 Denver, Colorado 80202 303/592-8500 Fax 303/592-8600



State of Delaware

PAGE 1

Office of the Secretary of State

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"SNYDER OIL CORPORATION", A DELAWARE CORPORATION,

WITH AND INTO "SANTA FE ENERGY RESOURCES, INC." UNDER THE NAME OF "SANTA FE SNYDER CORPORATION", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE FIFTH DAY OF MAY, A.D. 1999, AT 11 O'CLOCK A.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.

Edward J. Freel, Secretary of State

AUTHENTICATION:

9725623

DATE:

05-05-99

0774411 8100M

991177495

CERTIFICATE OF MERGER

Merger of Snyder Oil Corporation, a Delaware corporation
With and Into
Santa Fe Energy Resources, Inc., a Delaware corporation

Pursuant to the provisions of Section 251 of the Delaware General Corporation Law, the undersigned certifies as follows concerning the merger (the "Merger") of Snyder Oil Corporation, a Delaware corporation, with and into Santa Fe Energy Resources, Inc., a Delaware corporation, with Santa Fe Energy Resources, Inc. as the surviving corporation (the "Surviving Corporation").

- 1. The Agreement and Plan of Merger, dated as of January 13, 1999 (the Agreement and Plan of Merger being hereinafter referred to as the "Merger Agreement") has been approved, adopted, certified, executed and acknowledged by Snyder Oil Corporation and Santa Fe Energy Resources, Inc. in accordance with Section 251 of the Delaware General Corporation Law.
- 2. The Merger contemplated in the Merger Agreement and this Certificate of Merger will be effective immediately upon the filing of this Certificate of Merger
- 3. The name of the Surviving Corporation shall be Santa Fe Energy Resources, Inc. which shall be changed herewith to Santa Fe Snyder Corporation.
- 4. Article FIRST of the Restated Certificate of Incorporation of Santa Fe Energy Resources, Inc. is amended, effective as of the date hereof, to read in its entirety as follows:

"FIRST: The name of the corporation (hereinafter referred to as the "Corporation") is Santa Fe Snyder Corporation."

and that the first paragraph of Article FOURTH of the Restated Certificate of Incorporation of Santa Fe Energy Resources, Inc. is amended, effective as of the date hereof, to read in its entirety as follows:

"FOURTH: The total number of shares of all classes of capital stock which the Corporation shall have authority to issue is 350,000,000, of which 50,000,000 shares shall be Preferred Stock, par value \$.01 per share, and 300,000,000 shares shall be Common Stock, par value \$.01 per share."

The Restated Certificate of Incorporation of Santa Fe Energy Resources, Inc., as amended, in effect at the effective time of the Merger shall be the certificate of incorporation of the

Surviving Corporation.

- 5. The executed Merger Agreement is on file at the principal place of business of the Surviving Corporation, 1616 South Voss Road, Houston, Texas 77057.
- 6. A copy of the Merger Agreement will be furnished by the Surviving Corporation, on request and without cost, to any stockholder of Snyder Oil Corporation or Santa Fe Energy Resources, Inc.

Dated this 5th day of May, 1999.

SANTA FE ENERGY RESOURCES, INC.

Name: David L. Hicks

Title: Vice President - Law and

General Counsel

FORM 3160-5 (June 1990)

INITED STATES

F
В
E:

ORM APPROVED udget Bureau No. 1004-0135

xpires: March 31, 1993

Lease	Designa	ition an	q Şei	ıaı	N
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See	Attached	l List
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SUNDRY NOTICES AND REPORTS ON WELLS

Use "APPLICATION	See Attached List			
SUBMIT	7. If Unit or CA, Agreement Designation			
1. Type of Well Oit Gas Well Other 2. Name of Operator	See Attached List	8. Well Name and No. See Attached List 9. API Well No. See Attached List		
Santa Fe Snyder Corporation 3. Address and Telephone No.	10. Field and Pool, or Exploratory Area See Attached List			
1625 Broadway, Suite 2200, De 4. Location of Well (Footage, Sec., T., R., m., or Survey Description) See Attached List	11. County or Parish, State See Attached List			
	OX(s) TO INDICATE NATURE OF NOTICE, RE			
TYPE OF SUBMISSION Notice of Intent	Abandonment Recompletion	Change of Plans New Construction		
Subsequent Report	Plugging Back Casing Repair	Non-Routine Fracturing Water Shut-Off		
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Alexandra Continua			

Snyder Oil Corporation and Santa Fe Energy Resources, Inc. have merged to form Santa Fe Snyder Corporation. The legal acceptance date of the merger is May 5, 1999. However in an effort to simplify documentation issues, Santa Fe Snyder Corporation requests that June 1, 1999 be used as the effective date of merger.

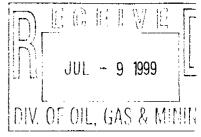
Change of Operator

A copy of the Merger Certificate and of the Office of the Secretary of State's Acceptance is attached.

Nationwide BLM Bond Number - UT-0855

Surety Bond Number - 400JF 5433

Please contact Phyllis Sobotik at 303-592-8668 if you have any questions.



Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

Signed Signed Signed	Title	Sr. Regulatory Specialist	Date	01-Jul-99
(This space for Federal of State office use)			·	
Approved by	Title		Date	
Conditions of approval, if any:				

^{13.} Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

UTAH FACILITIES

		Tribe								Lease	Mineral		
Lease	Unit Name	Name		Stat	County	1/41/4	S	Τ	R	Number	Type	API Number	Comments
			At Do	L _{AOT}	11:-4-4	CE/NE	,	446	405	141 20242	CTATE	43-047-31824	Infino
Alger Pass #1			Alger Pass (Natural Buttes)	ACT	Uintah	SE/NE	2	118		ML 36213	STATE	 	10828
AnnaBelle #31-2J			Horseshoe Bend	ACT	Uintah	NW/SE	31	6S	21E		FEE	43-047-31698	10510
Archy Bench State #1-2			Bitter Creek	INA	Uintah	NE/NE	2	118		ML 22348 A	STATE	43-047-31489	9871
Baser Draw Fed. #1C-31			Horseshoe Bend	ACT	Uintah	NE/SW	31	68		U 38411	FED ,	43-047-30831	2710
Baser Draw Fed. #2A-31			Horseshoe Bend	ACT	Uintah	SE/NE	31	68		U 31260	FED	43-047-30880	2710
Baser Draw Fed. #5-1			Horseshoe Bend	INA	Uintah	NW/NW	5	78		· · · · · · · · · · · · · · · · · · ·	FED	43-047-31833	10862
Baser Draw Fed. #6-1			Horseshoe Bend	ACT	Uintah	Lot 7	6	78		U 075939	FED	43-047-31834	10863
Baser Draw Fed. #6-2			Horseshoe Bend	ACT	Uintah	SW/NE	6	78	22E	U 075939	FED	43-047-31859	10967
Bitter Creek #1-3			Bitter Creek	INA	Uintah	SW/NE	3	118	22E	U 29797	FED	43-047-30524	1460
nanza Federal #3-15			Natural Buttes	ACT	Uintah	NE/NW	15	108	23E	U 66406	FED 1	43-047-31278	8406
Canyon View #1-18			Natural Buttes	ACT	Uintah	SE/NW	18	108	23E	U 38421	FED	43-047-30379	1485
Castle Peak #1-3			Monument Butte	INA	Duchesne	NE/NE	3	98	16E	U 47172	FED `	43-013-30639	1522
Castle Peak State #32-16			Monument Butte (Castle Peak)	ACT	Duchesne	SW/NE	16	98	16E	ML 16532	STATE	43-013-30650	445
Castle Peak State #33-16			Monument Butte (Castle Peak)	ACT	Duchesne	NW/SE	16	98	16E	ML 16532	STATE	43-013-30640	440
Cliff Edge #1-15			Natural Buttes	TAD	Uintah	NW/SE	15	108	23E	U 66406	FED	43-047-30462	1524
Coors #14-1D			Horseshoe Bend	INA	Uintah	NW/NW	14	78	21E	U 65223	FED	43-047-31304	11193
Coors Federal #2-10 (Federal 2-10HB)			Horseshoe Bend	INA	Uintah	SW/NE	10	78	21E	U 65222	FED	43-047-32009	11255
Cotton Club #1			Horseshoe Bend	ACT	Uintah	NE/NE	31	6S	21E	U 31736	FED	43-047-31643	10380
Cottonwood Wash Unit #1			Buck Canyon	INA	Uintah	SW/NE	10	128	21E	U 40729	FED	43-047-31774	10754
Crooked Canyon #1-17			Natural Buttes	TAD	Uintah	NE/NW	17	108	23E	U 37355	FED	43-047-30369	1465
East Bench Unit #1			East Bench (Bench East)	INA	Uintah	NW/SE	33	118	22E	U 61263	FED	43-047-31778	10795
East Gusher #2-1A			Gusher (Gusher East)	INA	Uintah	SE/SE	3	6 S	20E	U 66746	FED	43-047-31431	11333
East Gusher #15-1A			Gusher (Gusher East)	ACT	Uintah	NE/NE	15	68	20E	U 58007	FED	43-047-31900	11122
Federal #4-1			Horseshoe Bend	ACT	Uintah	NW/NW	4	7S	21E	U 28213	FED	43-047-31693	10196
deral #4-2F	<u> </u>		Horseshoe Bend	ACT	Uintah	SW/NW	4	78	21E	U 28213	FED	43-047-31853	10933
ederal #5-5H			Horseshoe Bend	ACT	Uintah	SE/NE	5	78	21E	U 66401	FED	43-047-31903	11138
Federal 11-1M & K1			Gusher (Horseshoe Bend)	INA	Uintah	sw/sw	11	68	20E	U 20252	FED	43-047-32333	11443
Federal #21-1P			Horseshoe Bend	ACT	Uintah	SE/SE	21	68		U 30289	FED	43-047-31647	1316
Federal #33-1I			Horseshoe Bend	ACT	Uintah	NE/SE	33	6S		U 44210	FED	43-047-31468	9615
Federal #33-2B			Horseshoe Bend	INA	Uintah	NW/NE	33	68		U 44210	FED	43-047-31621	9616
Federal #33-4D	Horseshoe Bend		Horseshoe Bend	ACT	Uintah	NW/NW	33	68		U 44210	FED	43-047-31623	12323
Federal #34-2K			Horseshoe Bend	ACT	Uintah	NE/SW ·	34	68		U 63861	FED	43-047-31467	10550
Federal Miller #1	 		Horseshoe Bend	ACT	Uintah	NW/SW	4	7S	_	U 0136484	FED	43-047-30034	2750
Flat Mesa #1-7	<u> </u>	<u> </u>	Natural Buttes	INA	Uintah	NW/SE	7	108		U 38420	FED	43-047-30365	1505
Flat Mesa #2-7			Natural Buttes	ACT	Uintah	SE/NW	. 7	108		U 38420	FED	43-047-30545	1506
Gusher Unit #3	 		Gusher (Gusher East)	ACT	Uintah	NW/NE	10	6S		ML 06584	STATE	43-047-15590	10341
Horseshoe Bend #2			Horseshoe Bend	INA	Uintah	NW/NE	3	7S		U 0142175	FED	43-047-15800	11628
Horseshoe Bend #4			Horseshoe Bend	INA	Uintah	SE/NW	3	78		U 0142175	FED	43-047-15802	1315
ioracarioc neur #4	i		Liniagaine Delia	183/7	1 Sintan	SELIANA		1	<u> </u>	10 0174110	1. 22	1-0-0-1-10002	1717

sion of Oil, Gas and Mining

PPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

aitial each listed item when completed. Write N/A if item is not applicable.

Routing:	
J-KDR	6-KAS
2-CLH	7-SI-70
3-8RB	8-FILE
4-CDW	9-10
5−KDR √	

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		Phone: (30) Account no.	7) 383-2800 N2000 (6-2	<u>24</u> –99)	·				(307) 38 no N		800	
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<u>№</u> 2.	(r649-8-10) form).	Sundry or o	other legal doc	cumentati	ion has been	n received	l from	the NEV	V operat	or (A	ttach to t	his
<u>P</u> -3.	The Depar wells in Uta #011879	tment of Co ah. Is the cor 	mmerce has b npany registe	een cont red with	acted if the the state?	new oper (yes/no)_	ator at	ove is n If yes, sh	ot currer ow com	ntly o pany	perating a file numb	any er:
<u>D</u> R-4.	note of RI	M etatue in c	DERAL WEL omments sect ly take place	ion of thi	is form. BI	M appro	val of l	Federal	and Ind	ian v	vell opera	ator
<u>M</u> C-5.	Changes ha	ve been enter	red in the Oil :	and Gas	Informatio	n System	(3270)) for eacl	n well lis	sted a	bove.	
<u>or-6.</u>	Cardex file	has been up	dated for each	well liste	ed above.							
½ 7.	Well file la	bels have bee	en updated for	each wel	ll listed abov	ve.(NW	syst	an)				
<u>₹</u> 8.			led on the moi n Lands, UGS						es" men	10 for	distribut	ion
¥-9.	A folder ha	as been set up	p for the Ope	rator Ch	nange file,	and a cop	y of th	is page	has beer	ı plac	ed there	for

OPERATOR CHANGE WORKSHEET (continued) - Initial each item when completed. Write N/A if item is not applicable.	
ENTITY REVIEW	
1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity change (yes/no) If entity assignments were changed, attach copies of Form 6, Entity Action Form.	ges made?
2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedure changes.	s of entity
BOND VERIFICATION - (FEE WELLS ONLY)	:: <u>:</u>
1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.	
2. A copy of this form has been placed in the new and former operator's bond files.	
The FORMER operator has requested a release of liability from their bond (yes)no), as of to	day's date
LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY	
26-1. Copies of documents have been sent on 8 12/99 to Ed bonner at Trust Lands for involving State leases, in order to remind that agency of their responsibility to review for proper bon	or changes
2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed dated	d by letter
FILMING	
KS 1. All attachments to this form have been microfilmed . Today's date: $9-38-99$.	
FILING	
1. Copies of all attachments to this form have been filed in each well file.	
2. The original of this form, and the original attachments are now being filed in the Operator Change	ge file.
COMMENTS	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER:
SUNDRY NOTICES AND REPORTS ON WELLS	6 IF INDIAN, ALLOTTES OR TRIDE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter	7. UNIT or CA AGREEMENT NAME
drill horizontal laterals. Use APPLICATION FOR PERMIT TO ORILL form for such proposals. 1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER:
2. NAME OF OPERATOR:	Exhibit "A" 9. APINUMBER:
El Paso Production Oil & Gas Company	
	NUMBER: 10. FIELD AND POOL, OR WILDCAT:
8 South 1200 East CITY Vernal STATE Utah ZIP 84078 435-	-789-4433
FOOTAGES AT SURFACE:	COUNTY:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NO	OTICE, REPORT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF	ACTION
NOTICE OF INTENT	REPERFORATE CURRENT FORMATION
(Submit in Duplicate) ALTER CASING FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR NEW CONSTRUCTIO	TEMPORARILY ABANDON
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK (Submit Original Form Only)	WATER DISPOSAL
Date of work completion: CHANGE WELL STATUS PRODUCTION (STAR	(T/RESUME) WATER SHUT-OFF
COMMINGLE PRODUCING FORMATIONS RECLAMATION OF W	VELLESITE X OTHER: Name Change
CONVERT WELL TYPE RECOMPLETE - DIFF	ERENT FORMATION
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including d	
As a result of the merger between The Coastal Corpor	ration and a wholly owned
subsidary of El Paso Energy Corporation, the name of	f Coastal Oil & Gas Corporation
has been changed to El Paso Production Oil & Gas Cor	mpany effective March 9, 2001.
See Exhibit "A"	
	
Rond # 400JU0708	
Bond # 400JU0/08 Coastal Oil & Gas Corporation	
	ice President
SIGNATURE DATE UG	15-01
El Paso Production Oil & Gas Company	
HAME (PLEASE PRINT) John T Elzner TITLE V	ice President
	2/ 15.0/
SIGNATURE DATE D	76-15-01
(This space for State use only)	RECEIVED

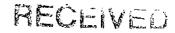
JUN 19 2001

DIVISION OF OIL, GAS AND MINING

PAGE 1

Office of the Secretary of State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.



Hilly I may

DIVISION OF DIL GAS AND MERING



Darriet Smith Windson, Secretary of State

AUTHENTICATION: 1061007

DATE: 04-03-01

0610204 8100

010162788

CERTIFICATE OF AMENDMENT

OF

CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:

"FIRST. The name of the corporation is El Paso Production Oil & Gas Сотрапу."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION

David L. Siddall

Vice President

Attest:

Margaret E. Roark, Assistant Secretary

STATE OF DELAWARE SECRETARY OF STATE DIVISION OF CORPORATIONS FILED 11:00 AM 03/09/2001

IUN 19 2001



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155

RECEIVED

JUL 1 2 2001

DIVISION OF OIL, GAS AND MINING

In Reply Refer To: 3106 UTSL-065841 (UT-924)

JUL 1 0 2001-

NOTICE

El Paso Production Oil & Gas Company

Oil and Gas

Nine Greenway Plaza

:

Houston TX 77046-0095

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of <u>Coastal Oil & Gas Corporation</u> into <u>El Paso Production Oil & Gas Company</u> with <u>El Paso Production Oil & Gas Company</u> being the surviving entity.

For our purposes, the name change is recognized effective March 9, 2001.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entitities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from <u>Coastal Oil & Gas Corporation</u> to <u>El Paso Production Oil & Gas Company</u>. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Wyoming and Colorado.

Opolonia L. Abeyta Acting Chief, Branch of Minerals Adjudication

Enclosure

1. Exhibit of Leases (1 pp)

cc: Moab Field Office

Vernal Field Office

MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217

State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114

Teresa Thompson (UT-922) Joe Incardine (UT-921)

Exhibit of Leases

UTUSL-065841A	UTU-47172	UTU-74415	UTU-53860
UTU-28652	UTU-50687	UTU-74416	UTU-66401
UTU-37943	UTU-52298	UTU-75091	UTU-67868
UTU-44089	UTU-0109054	UTU-75096	UTU-65389
UTU-44090A	UTU-0143511	UTU-75097	UTU-77084
UTU-61263	UTU-0143512	UTU-756 7 3	UTU-61430
UTU-00343	UTU-38401	UTU-76259	UTU-72633
UTU-02651	UTU-38411	UTU-76260	UTU-72650
UTU-02651B	UTU-38418	UTU-76261	UTU-49692
UTU-0142175	UTU-38419	UTU-76493	UTU-57894
UTU-70235	UTU-38420	UTU-76495	UTU-76829
UTU-70406	UTU-38421	UTU-76503	UTU-76830
UTU-74954	UTU-38423	UTU-78228	UTU-76831
UTU-75132	UTU-38424	UTU-78714	
UTU-75699	UTU-38425	UTU-78727	
UTU-76242	UTU-38426	UTU-78734	
UTU-78032	UTU-38427	UTU-79012	
UTU-4377	UTU-38428	UTU-79011	
UTU-4378	UTU-53861	UTU-71694	
UTU-7386	UTU-58097	UTU-00576	
UTU-8344A	UTU-64376	UTU-00647	
UTU-8345	UTU-65222	UTU-01470D	
UTU-8347	UTU-65223	UTU-0136484	
UTU-8621	UTU-66746	UTU-8344	
UTU-14646	UTU-67178	UTU-8346	
UTU-15855	UTU-67549	UTU-8648	
UTU-25880	UTU-72028	UTU-28212	
UTU-28213	UTU-72632	UTU-30289	
UTU-29535	UTU-73009	UTU-31260	
UTU-29797	UTU-73010	UTU-33433	
UTU-31736	UTU-73013	UTU-34711	
UTU-34350	UTU-73175	UTU-46699	
UTU-34705	UTU-73434	UTU-78852	
UTU-37116	UTU-73435	UTU-78853	
UTU-37355	UTU-73444	UTU-78854	
UTU-37573	UTU-73450	UTU-075939	
UTU-38261	UTU-73900	UTU-0149767	
UTU-39223	UTU-74409	UTU-2078	
UTU-40729	UTU-74410	UTU-44426	
UTU-40736	UTU-74413	UTU-49530	
UTU-42469	UTU-74414	UTU-51026	

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING

21001210					
1. GLH		4-KAS			
2. CDW		5-LP ,			
3. JLT		6-FILE			

Enter date after each listed item is completed

Change of Operator (Well Sold)

Is the new operator registered in the State of Utah:

Designation of Agent

Operator Name Change (Only)

X Merger

The operator of the well(s) listed below ha	s changed, effective:	3-09-200	01	-		
FROM: (Old Operator):		TO: (Ne	w Operator):			
COASTAL OIL & GAS CORPORATION		TO: (New Operator): EL PASO PRODUCTION OIL & GAS COMPANY				
			9 GREENWA			
Address: 9 GREENWAY PLAZA STE 2721		Address:	9 GREENWA	AY PLAZA S	1E Z/ZI	KIVI 2973
HOUSTON, TX 77046-0995		HOUSTO	N, TX 77046-0	0995		
Phone: 1-(713)-418-4635		Phone:	1-(832)-676-4	4721		
Account N0230		Account N1845				
C	A No.	Unit:				
WELL(S)						
	API	ENTITY	SEC TWN	LEASE	1	WELL
NAME	NO	NO	RNG	TYPE	TYPE	STATUS
PETES FLAT 1-1	43-047-30558	1510	01-10S-23E	FEDERAL	GW	S
FEDERAL 4-4	43-047-30632	10690	04-10S-23E	FEDERAL	GW	P
SOUTHMAN CANYON 4-5	43-047-30633	6131	05-10S-23E	FEDERAL	GW	P
FEDERAL 1-5 (CA 74473)	43-047-30856	10689	05-10S-23E	FEDERAL	GW	P
SAGE HEN 1-6 (CA CR-3)	43-047-30382	1490	06-10S-23E	FEDERAL	GW	P
FLAT MESA 1-7	43-047-30365	1505	07-10S-23E	FEDERAL	GW	P
FLAT MESA 2-7	43-047-30545	1506	07-10S-23E	FEDERAL	GW	P
SAGE BRUSH 1-8	43-047-30383	1467	08-10S-23E	FEDERAL	GW	TA
NO NAME CANYON 1-9	43-047-30378	1466	09-10S-23E	FEDERAL	GW	P
NO NAME CANYON 2-9	43-047-31504	1468	09-10S-23E	FEDERAL	GW	P
SOUTHMAN CANYON 9-3M	43-047-32540	11767	09-10S-23E	FEDERAL	GW	P
SOUTHMAN CANYON 9-4-J	43-047-32541	11685	09-10S-23E	FEDERAL	GW	P
SHEEPHERDER 1-10 (CA CR-5)	43-047-30559	1470	10-10S-23E	FEDERAL	GW	P
JACK RABBIT 1-11 (CA CR-23)	43-047-30423	1475	11-10S-23E	FEDERAL	GW	S
NSO FEDERAL 1-12 (CA CR-22)	43-047-30560	1480	12-10S-23E	FEDERAL	GW	P
WHITE RIVER 1-14	43-047-30481	1500	14-10S-23E	FEDERAL		P
CLIFF EDGE 1-15	43-047-30462	1524	15-10S-23E	FEDERAL		TA
BONANZA FEDERAL 3-15	43-047-31278	8406	15-10S-23E	FEDERAL	GW	P
CROOKED CANYON 1-17	43-047-30369	1465	17-10S-23E	FEDERAL	GW_	S
CANYON VIEW FEDERAL 1-18	43-047-30379	1485	17-10S-23E	FEDERAL	GW	P
OPERATOR CHANGES DOCUMENTAT 1. (R649-8-10) Sundry or legal documentation was re-		F.R operato	r on:	06/19/2001		
 (R649-8-10) Sundry or legal documentation was red The new company has been checked through the Do 	ceived from the NEW o	perator on:		06/19/2001	_	06/21/200

YES

Business Number:

608186-0143

5.	If NO, the operator was contacted contacted on:	N/A			
6.	Federal and Indian Lease Wells: The BLM and or operator change for all wells listed on Federal or Indian	11	d the (merger, name change, 		
7.	Federal and Indian Units: The BLM or BIA has a for wells listed on:	approved the successor 07/10/2001	of unit operator		
8.	Federal and Indian Communization Agreeme change for all wells listed involved in a CA on:		If or the BIA has approved the operator		
9.	Underground Injection Control ("UIC") for the enhanced/secondary recovery unit/project for the w		d UIC Form 5, Transfer of Authority to Inject, on: N/A		
$\overline{\mathbf{D}}$	ATA ENTRY:				
1.	Changes entered in the Oil and Gas Database on:	08/23/2001			
2.	Changes have been entered on the Monthly Operator Cha	ange Spread Sheet on:	_08/23/2001		
3.	Bond information entered in RBDMS on:	N/A			
4.	Fee wells attached to bond in RBDMS on:	N/A			
ST	ATE BOND VERIFICATION:		_		
1.	State well(s) covered by Bond No.:	N/A			
	EDERAL BOND VERIFICATION: Federal well(s) covered by Bond No.:	WY 2793			
	E WELLS - BOND VERIFICATION/LEASE (R649-3-1) The NEW operator of any fee well(s) listed co		NOTIFICATION: N/A N/A		
	The FORMER operator has requested a release of liability to The Division sent response by letter on:	from their bond on: N/A	N/A		
3. (R649-2-10) The FORMER operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on:					
	LMING: All attachments to this form have been MICROFILMED of	on;			
	LING: ORIGINALS/COPIES of all attachments pertaining to each	h individual well have been	filled in each well file on:		
	MMENTS: Master list of all wells involved in opera eduction Oil and Gas Company shall be retained in				





WESTPORT OIL AND GAS COMPANY, L.P.

410 Seventeenth Street #2300 Deriver Colorado \$0202-4436 Telephonet 309 573 5404 Fast: 303 573 5609

February 1, 2002

Department of the Interior
Bureau of Land Management
2850 Youngfield Street
Lakewood, CO 80215-7093
Attention: Ms. Martha Maxwell

RE:

BLM Bond CO-1203

BLM Nationwide Bond 158626364
Surety - Commental Casualty Company

Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.

Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.

Assumption Rider - Westport Oil and Gas Company, L.P.

Dear Ms. Maxwell:

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

Two (Z) Assumption Riders, fully executed originals.

Copies of Beico Energy Corporation merger into Westport Oil and Gas Company, Inc., Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.

List of all Federal/BIA/State Leases - Beloo/Westport's leases - in all states.

Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,

Westport Oil and Gas Company, L.P.

Black

Debby J. Black

Engineer Technician

Enci:



United States Department of the Interior RECEIVED

BUREAU OF LAND MANAGEMENT

FER 2 2 2002

Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155

DIVISION OF OIL, GAS AND MINING

In Reply Refer To: 3106 UTU-25566 et al (UT-924)

FEB 2 1 2002

NOTICE

Westport Oil and Gas Company L.P.

Oil and Gas

410 Seventeenth Street, #2300

:

Denver Colorado 80215-7093

:

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of <u>Westport Oil</u> and <u>Gas Company, Inc.</u> into <u>Westport Oil and Gas Company, L.P.</u> with <u>Westport Oil and Gas Company, L.P.</u> being the surviving entity.

For our purposes, the name change is recognized effective December 31, 2001.

The oil and gas lease files identified have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405 UTU-20895 UTU-25566 UTU-43156 UTU-49518 UTU-49519 UTU-49522 UTU-49523

> Robert Lopez Chief, Branch of Minerals Adjudication

cc: Moab Field Office
Vernal Field Office
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114
Teresa Thompson (UT-922)
Joe Incardine (UT-921)

UNITED STATES GOVERNMENT

memorand

Uintah & Ouray Agency

. 0

Date:

5 December, 2002

Reply to

Attn of:

Supervisory Petroleum Engineer

Subject

Modification of Utah Division of Oil, Gas and Mining Regulations

To

Director, Utah Division of Oil, Gas and Mining Division: John Baza

We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.

We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate you concern, and hope that these comments are timely enough for consideration in the revision process. Phones H Cameron

CC:

Minerals & Mining Section of RES

Ute Energy & Mineral Resources Department: Executive Director

chrono



July 2, 2002

Mr. Jim Thompson, Eng Tech State of Utah Division of Oil, Gas, and Mining 1594 West North Temple, Suite 1210 PO Box 145801 Salt Lake City, Utah 84114-5801

Re: Well Name Verification

Dear Mr. Thompson

On behalf of El Paso Production Oil and Gas Co I would like to apologize for the well name confusion that has developed over the past few years. Believe me it's not just between the Government agencies and El Paso, we also have had the same problem internally.

Over the years well names get shortened, abbreviated, and in some cases made longer. Unfortunately these revised names become the common name and as you know all information about these wells is reported by the revised name rather than the official name.

Thank you for helping us identify the wells in our system that have gone through this metamorphism. Please find attached a list of these wells. Note that we have divided the wells into three categories: 1) Yellow highlight is used to identify wells that the state needs to change to match El Paso's database. 2) Blue highlight is used to identify wells that El Paso will change to match the state database. 3) Green highlight is used for wells that have an unnecessary extension that both El Paso and the state need to remove.

El Paso now requests that these names be officially changed as described above. We hope this will help avoid any future confusion that may arise trying to identify these wells. If you have any additional questions please do not hesitate to call our regulatory analyst Cheryl Cameron or myself.

RECEIVED

AUG 0 5 2002

Sam C. Prutch Engineering Manager

Sincerely.

DIVISION OF OIL. GAS AND MINING

1368 South 1200 East • Vernal, UT 84078 435.781.7037 Phone • 435.781.7095 Fax

NDLL40 04D		NDLL40 94D (DEO)	40.047.00000	205 00 0004
NBU 19-21B NBU CIGE 23-7-10-22	<change td="" to<=""><td>NBU 19-21B (REG)</td><td>43-047-30328</td><td>20E 9S 0021</td></change>	NBU 19-21B (REG)	43-047-30328	20E 9S 0021
NBU CIGE 23-7-10-22 NBU CIGE 4-9-10-21	LOFENSO STEP	CIGE 23 CIGE 4	43-047-30333	22E 10S 0007
NBU CIGE 5-31-9-22	LEFTYEVERS	CIGE 5	43-047-30334	21E 10S 0009
	Lasiya-ata	3	43-047-30335	22E 9S 0031
CIGE 7-8-10-21	kaawa arah		43-047-30358	21E 10S 0008
NBU 25-20B	<change td="" to<=""><td>NBU 25-20B (REG)</td><td>43-047-30363</td><td>21E 9S 0020</td></change>	NBU 25-20B (REG)	43-047-30363	21E 9S 0020
NBU 26-13B	<change td="" to<=""><td>NBU 26-13B (REG)</td><td>43-047-30364</td><td>20E 10S 0013</td></change>	NBU 26-13B (REG)	43-047-30364	20E 10S 0013
NBU 28-4B	<change td="" to<=""><td>NBU 28-4B (REG)</td><td>43-047-30367</td><td>21E 10S 0004</td></change>	NBU 28-4B (REG)	43-047-30367	21E 10S 0004
NBU 29-5B	<change td="" to<=""><td>NBU 29-5B (REG)</td><td>43-047-30368</td><td>21E 10S 0005</td></change>	NBU 29-5B (REG)	43-047-30368	21E 10S 0005
Crooked Canyon Federal	<change td="" to<=""><td>Crooked Canyon Federal 1-</td><td>43-047-30369</td><td>23E 10S 0017</td></change>	Crooked Canyon Federal 1-	43-047-30369	23E 10S 0017
NBU 30-18B	<change td="" to<=""><td>NBU 30-18B (REG)</td><td>43-047-30380</td><td>21E 9S 0018</td></change>	NBU 30-18B (REG)	43-047-30380	21E 9S 0018
NBU 31-12B	<change td="" to<=""><td>NBU 31-12B (REG)</td><td>43-047-30385</td><td>22E 10S 0012</td></change>	NBU 31-12B (REG)	43-047-30385	22E 10S 0012
NBU 33-17B	<change td="" to<=""><td>NBU 33-17B (REG)</td><td>43-047-30396</td><td>22E 9S 0017</td></change>	NBU 33-17B (REG)	43-047-30396	22E 9S 0017
NBU 35-8B	<change td="" to<=""><td>NBU 35-8B (REG)</td><td>43-047-30397</td><td>21E 9S 0008</td></change>	NBU 35-8B (REG)	43-047-30397	21E 9S 0008
NBU 36-7B	<change td="" to<=""><td>NBU 36-7B (REG)</td><td>43-047-30399</td><td>21E 9S 0007</td></change>	NBU 36-7B (REG)	43-047-30399	21E 9S 0007
NBU 34-17B	<change td="" to<=""><td>NBU 34-17B (REG)</td><td>43-047-30404</td><td>21E 9S 0017</td></change>	NBU 34-17B (REG)	43-047-30404	21E 9S 0017
NBU CIGE 9-36-9-22	.eave as>		43-047-30419	22E 9S 0036
NBU CIGE 13-7-10-21	Leave as>	CIGE 13	43-047-30420	21E 10S 0007
CIGE 10-2-10-22	Leave as≥	CIGE 10	43-047-30425	22E 10S 0002
CIGE 8-35-9-22	Leave as≥	CIGE 8	43-047-30427	22E 9S 0035
NBU 48-29B	<change td="" to<=""><td>NBU 48-29B (REG)</td><td>43-047-30452</td><td>20E 9S 0029</td></change>	NBU 48-29B (REG)	43-047-30452	20E 9S 0029
NBU-CIGE 19-16-9-21	keava as	CIGE 19	43-047-30459	21E 9S 0016
NBU 58-23B	<change td="" to<=""><td>NBU 58-23B (REG)</td><td>43-047-30463</td><td>22E 10S 0023</td></change>	NBU 58-23B (REG)	43-047-30463	22E 10S 0023
NBU 57-12B	<change td="" to<=""><td>NBU 57-12B (REG)</td><td>43-047-30464</td><td>21E 9S 0012</td></change>	NBU 57-12B (REG)	43-047-30464	21E 9S 0012
NBU 63-12B	<change td="" to<=""><td>NBU 63-12B (REG)</td><td>43-047-30466</td><td>20E 10S 0012</td></change>	NBU 63-12B (REG)	43-047-30466	20E 10S 0012
NBU 49-12B	<change td="" to<=""><td>NBU 49-12B (REG)</td><td>43-047-30470</td><td>20E 9S 0012</td></change>	NBU 49-12B (REG)	43-047-30470	20E 9S 0012
NBU CIGE 18-2-10-21	Leave asp	CIGE 18	43-047-30471	21E 10S 0002
NBU 52-1B	<change td="" to<=""><td>NBU 52-1B (REG)</td><td>43-047-30473</td><td>21E 9S 0001</td></change>	NBU 52-1B (REG)	43-047-30473	21E 9S 0001
NBU 53-3B	<change td="" to<=""><td>NBU 53-3B (REG)</td><td>43-047-30474</td><td>21E 9S 0003</td></change>	NBU 53-3B (REG)	43-047-30474	21E 9S 0003
NBU 62-35B	<change td="" to<=""><td>NBU 62-35B (REG)</td><td>43-047-30477</td><td>22E 10S 0035</td></change>	NBU 62-35B (REG)	43-047-30477	22E 10S 0035
NBU CIGE 14-9-10-22	teava-as>		43-047-30484	22E 10S 0009
NBU CIGE 20-20-10-21	rativo atro		43-047-30485	21E 10S 0020
NBU CIGE 43-14-10-22	KITY VITE		43-047-30491	22E 10S 0014
CIGE 42-25-9-21	Logyottis	CIGE 42	43-047-30492	21E 9S 0025
NBU CIGE 24-29-9-22	KEWN 1355	CIGE 24	43-047-30493	22E 9S 0029
NBU CIGE 35-1-10-20	EJEWE 15	CIGE 35	43-047-30494	20E 10S 0001
NBU CIGE 38-4-10-21	#35170#5 1 55		43-047-30495	21E 10S 0004



United States Department of the Interior

BUREAU OF INDIAN AFFAIRS Washington, D.C. 20240

FEB 1 0 2003

Carroll A. Wilson
Principal Landman
Westport Oil and Gas Company, L.P.
1368 South 1200 East
Vernal, Utah 84078

Dear Mr. Wilson:

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely,

Dire

ACTING

Director, Office of Trust Responsibilities

Enclosure

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

5 LEASE DESIGNATION AND SERIAL NUMBER: DIVISION OF OIL, GAS AND MINING 6 IF INDIAN, ALLOTTEE OR TRIBE NAME. SUNDRY NOTICES AND REPORTS ON WELLS 7 UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL, form for such proposals. 8 WELL NAME and NUMBER: 1 TYPE OF WELL GAS WELL OTHER OIL WELL Exhibit "A" 9. API NUMBER 2. NAME OF OPERATOR El Paso Production Oil & Gas Company PHONE NUMBER: 10. FIELD AND POOL, OR WILDCAT: 3. ADDRESS OF OPERATOR 77064-0995 (832) 676-5933 XT HALL 9 Greenway Plaza Houston 4. LOCATION OF WELL COUNTY. **FOOTAGES AT SURFACE:** STATE QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: UTAH CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. TYPE OF ACTION TYPE OF SUBMISSION REPERFORATE CURRENT FORMATION ACIDIZE DEEPEN NOTICE OF INTENT SIDETRACK TO REPAIR WELL FRACTURE TREAT ALTER CASING (Submit in Duplicate) NEW CONSTRUCTION TEMPORARILY ABANDON Approximate date work will start. CASING REPAIR OPERATOR CHANGE TUBING REPAIR CHANGE TO PREVIOUS PLANS VENT OR FLARE PLUG AND ABANDON CHANGE TUBING WATER DISPOSAL . PLUG BACK SUBSEQUENT REPORT CHANGE WELL NAME (Submit Original Form Only) WATER SHUT-OFF PRODUCTION (START/RESUME) CHANGE WELL STATUS Date of work completion: RECLAMATION OF WELL SITE OTHER: COMMINGLE PRODUCING FORMATIONS RECOMPLETE - DIFFERENT FORMATION CONVERT WELL TYPE 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002. BOND # ______ State Surety Bond No. RLB0005236 Fee Bond No. RLB0005238 RECEIVED EL PASO PRODUCTION OIL & GAS COMPANY FEB 2 8 2003 DIV. OF Co., CAS & MINING Jon R. Nelsen, Attorney-in-Fact WESTPORT OIL AND GAS COMPANY, L.P. TITLE Agent and Attorney-in-Fact NAME (PLEASE PRINT) David R. Dix lulte 12/17/02

(This space for State use only)

SIGNATURE _

Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or reenter an

FORM AF	PROVED
OMB No.	1004-0135
Expires Jaova	Mber 30, 2000

5. Loase Serial No.

SEE ATTACHED EXHIBIT "A"

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side	7. If Unit or CA/Agreement, Name and/or No.
1. Type of Well	
Oil Well Y Gas Well Other	8. Well Name and No.
2. Name of Operator	
WESTPORT OIL & GAS COMPANY, L.P.	SEE ATTACHED EXHIBIT "A" 9. API Well No.
3a. Address 3b. Phone No (include case and a)	
P.O. BOX 1148 VERNAL, UT 84078 (435) 781-7022	SEE ATTACHED EXHIBIT "A"
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)	10. Field and Pool, or Exploratory Area
SEE ATTACHED EXHIBIT "A"	11. County or Parish, State UINTAH COUNTY, UT
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE,	PEPOPT OF OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTIO	
Notice of Intent	
Subsequent Report Alter Casing Fracture Treat Reclamati Casing Repair New Construction Recomple	on Well Integrity
	ily Abandon SUCCESSOR OF

ns (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration the If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markets and ze Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF, BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED

MAR 0 4 2003

		• •	
14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) CHERYL CAMERON Signature	Title OPERATIONS	0 1V:0 1	FOIL, GAR & MINID IG
Lines Cameron	Date March 4, 2003		
THIS SPACE	FOR FEDERAL OR STA	TE USE	
Approved by	Title	Date	
Conditions of approval, if any, are attached. Approval of this notice does not waterify that the applicant holds legal or equitable title to those rights in the subject which would endide the applicant to conduct operations thereon.	ot lease		
Title 18 U.S.C. Section 1001, make it a crime for any person know. false, fictitious or fraudulent statements or representations as to any n	ingly and willfully to mak natter within its jurisdiction	e to any department or agency of the U	nited States any
(Instructions on reverse)			

OPERATOR CHANGE WORKSHEET

	ROUTING				
	1. GLH				
	2. CDWV				
ļ	3. FILE				

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has chan	ged, effective:	12-17-02				
FROM: (Old Operator):		TO: (New Or				
EL PASO PRODUCTION OIL & GAS COMPANY		WESTPORT OIL & GAS COMPANY LP				
Address: 9 GREENWAY PLAZA		Address: P O BOX 1148				
			04070			
HOUSTON, TX 77064-0995		VERNAL, UT				
Phone: 1-(832)-676-5933		Phone: 1-(435)				
Account No. N1845		Account No.	N2115			
CA	No.	Unit:				
WELL(S)						T
	SEC TWN	API NO	ENTITY		WELL	WELL
NAME	RNG	<u></u>	NO	TYPE	TYPE	STATUS
BONANZA 9-5		43-047-34088		FEDERAL		APD
BONANZA 9-6		43-047-3477		FEDERAL		APD
BONANZA 10-2	10-09S-23E	43-047-34089	99999	FEDERAL		APD
BONANZA 10-3		43-047-34090		FEDERAL		APD
BONANZA 10-4		43-047-34772		FEDERAL		APD
SHEEPHERDER FED 1-10 (CR-5)		43-047-30559		FEDERAL		P
JACK RABBIT 1-11		43-047-30423		FEDERAL		S
BONANZA 11-2		43-047-34773		FEDERAL		APD _
NSO FEDERAL 1-12 (CR-22)		43-047-30560		FEDERAL		P
WHITE RIVER 1-14		43-047-30481		FEDERAL		S
CLIFF EDGE FEDERAL 1-15		43-047-30462		FEDERAL		TA
BONANZA FED 3-15		43-047-31278		FEDERAL		P
LOOKOUT POINT STATE 1-16		43-047-30544		STATE	GW	P
CROOKED CANYON FED 1-17		43-047-30369		FEDERAL		S
CANYON VIEW FED 1-18		43-047-30379		FEDERAL		S
HILL FEDERAL 1-10		43-047-31026		FEDERAL		TA
WILLOW CREEK UNIT 1		43-047-31775		FEDERAL		<u>s</u>
ARCHY BENCH STATE 1-2		43-047-31489		STATE	GW	S
BITTER CREEK FEDERAL 1-3		43-047-30524		FEDERAL		S
LIZARD CREEK 1-10	10-11S-22E	43-047-31475	<u> 19870</u>	FEDERAL	/JGW	P
OPERATOR CHANGES DOCUMENTATION Enter date after each listed item is completed 1. (R649-8-10) Sundry or legal documentation was recommended.		RMER operator	on:	02/28/2003	<u>3</u>	
2. (R649-8-10) Sundry or legal documentation was rec			03/04/200	<u>)3</u>		
3. The new company has been checked through the De	partment of Comm	nerce, Division	of Corpora	ations Datal	oase on:	03/06/20
4. Is the new operator registered in the State of Utah:	YES	_Business Num	ber:	1 <u>355743-01</u>	<u>8</u> 1	
5. If NO, the operator was contacted contacted on:		_				

6. (1	R649-9-2)Waste Management Plan has been received on: <u>IN PLACE</u>
7.	Federal and Indian Lease Wells: The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM-12/31/2003 BIA-12/5/02
8.	Federal and Indian Units:
	The BLM or BIA has approved the successor of unit operator for wells listed on: 02/27/2003
9.	Federal and Indian Communization Agreements ("CA"): The BLM or BIA has approved the operator for all wells listed within a CA on: 01/09/2003
10.	Underground Injection Control ("UIC") The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A
DA	TA ENTRY:
1.	Changes entered in the Oil and Gas Database on: 03/27/2003
2.	Changes have been entered on the Monthly Operator Change Spread Sheet on: 03/27/2003
3.	Bond information entered in RBDMS on: N/A
4.	Fee wells attached to bond in RBDMS on: N/A
	ATE WELL(S) BOND VERIFICATION:
1.	State well(s) covered by Bond Number: RLB 0005236
	DERAL WELL(S) BOND VERIFICATION:
1.	Federal well(s) covered by Bond Number: 158626364
	DIAN WELL(S) BOND VERIFICATION:
1.	Indian well(s) covered by Bond Number: RLB 0005239
FE	E WELL(S) BOND VERIFICATION:
1.	(R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number RLB 0005238
	The FORMER operator has requested a release of liability from their bond on: N/A The Division sent response by letter on: N/A
LE	ASE INTEREST OWNER NOTIFICATION:
	R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A
СО	MMENTS:

Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

5. Lease Serial No.
SEE ATTACHED

SUNDRY	NOTICES	AND RE	PORTS	ON W	ELLS
--------	---------	--------	-------	------	------

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPL	7. If Unit or CA/Agreement, Name and/or No.		
1. Type of Well Oil Well Gas Well	Other		8. Well Name and No.
2. Name of Operator			SEE ATTACHED
WESTPORT OIL & GAS CO	MPANY L.P.		9. API Well No.
3a. Address		3b. Phone No. (include area coa	le) SEE ATTACHED
1368 SOUTH 1200 EAST V	'ERNAL, UT 84078	(435) 781-7024	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Descripti	(on)	VARIOUS
SEE ATTACHED 12. CHECK APP	ROPRIATE BOX(ES) TO	INDICATE NATURE OF NOTI	UINTAH, UTAH CE, REPORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF AC	CTION
Notice of Intent	Acidize Alter Casing		uction (Start/Resume) Water Shut-Off amation Well Integrity
Subsequent Report	Casing Repair Change Plans		omplete
Final Abandonment Notice	Convert to Injection	Plug Back Water	T Disposal
If the proposal is to deepen directional Attach the Bond under which the wor following completion of the involved	ally or recomplete horizontally, g rk will be performed or provide operations. If the operation resu	ive subsurface locations and measured the Bond No. on file with BLM/BIA. Ilts in a multiple completion or recomp	the of any proposed work and approximate duration thereof, and true vertical depths of all pertinent markers and zones. Required subsequent reports shall be filed within 30 days eletion in a new interval, a Form 3160-4 shall be filed once are replanation, have been completed and the operator has

THE OPERATOR REQUESTS AUTHORIZATION TO PLACE THE SUBJECT WELL LOCATIONS ON TEMPORARILY ABANDONMENT STATUS, UNTIL SUCH TIME THE WELL LOCATIONS CAN BE PLUGGED AND ABANDON.

false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

PLEASE REFER TO THE ATTA FOR THE NEXT 5 YEARS.	COPYSENT TO CPS Drate: 8-84 Initiate: 8-84	PATOR	APPROVED E	BY THE STATE DIVISION OF AND MINING 201 2004
14. I hereby certify that the foregoing is tr	ue and correct		T' JEKK	V.J. CALL
Name (Printed/Typed)	The special confidence with a first continuous states and a section of the sectio	Title	BA: 7 Tright	tions of Approval Of This
Sheila Upchego		Regulatory Analys	t 4 See (on h	-trons of this
Signature Market Market	UMO)	Date May 25, 2004		Federal Approval Of This Action Is Necessary
	THIS SPACE F	OR FEDERAL OR STA	TE USE	
Approved by		Title	Date	
Conditions of approval, if any, are attached App certify that the applicant holds legal or equitable which would entitle the applicant to conduct oper	title to those rights in the subject			
Title 18 U.S.C. Section 1001, make it a	crime for any person knowir	ngly and willfully to mal	ce to any department or age	ncy of the United States any

JUN 0 3 2004

determined that the site is ready for final inspection.

Proposed 2007 P&A's - 15 Wells

30494	CIGE 035	1-10-20 NESW	UTU-02270A
30542	CIGE 066	23-10-21 SENW	UTU-02278A
30952	CIGE 073D	5-10-22 SWSW	UTU-01191A
30953	CIGE 074D	6-10-22 NWSE	UTU-01195
31915	CIGE 114	34-9-21 NESE	U-01194A
34436	CIGE 282	7-10-22 NENE	ML-23609
30962	KURIP 01-027	1-9-20 NENW	14-20-H62-3004
30848	NBU 043	26-10-20 NWSE	UTU-4476
30534	NBU 047N2	30-10-22 SESW	UTU-0132568A
31250	NBU 087J	3-10-22 NESW	UTU-01191A
31923	NBU 114	5-10-21 SWSW	UTU-01393D
31982	NBU 149	5-10-22 NESE	UTU-01191
31992	NBU 150	9-10-22 SENW	UTU-01196B
32234	NBU 188	10-10-22 SWSW	U-01196C
33692	WONSITS FEDERAL 01-05	5-8-22 LOT 5	UTU-72633

Proposed 2008 P&A's - 11 wells

	1 10p0384 2000 1 4A 5 - 11 WC115		
32401	NBU 213	15-10-22 NWNW	UTU-025187
32480	NBU 217	28-9-21 NESW	U-05678
32944	NBU 242	5-10-22 SWSE	UTU-01191
32917	NBU 253	10-9-21 SWNW	U-0141315
32929	NBU 262	33-9-21 NENE	UTU-0576
33011	NBU 278	30-9-22 SWSW	U-463
32976	NBU 285	3-10-22 NWNW	UTU-01191
32886	NBU 296 GR	24-10-20 NWNE	UTU-4485
33776	NBU 364	29-9-21 SESE	UTU-0581
30838	NBU 58N2	27-10-22 NENW	U-473
31327	NBU 98-V	34-9-21 SWSW	U-01194-A



State of Utah

Department of Natural Resources

Division of Oil, Gas & Mining

ROBERT L. MORGAN Executive Director

LOWELL P. BRAXTON Division Director

MICHAEL O. LEAVITT

OLENE S. WALKER Lieutenant Governor

CONDITIONS OF APPROVAL TO EXTEND SI/TA OF WELL

Well Name and Number:

Several State and Federal wells

API Number:

See Sundry List

Operator:

Westport Oil and Gas Company L.P. Original Sundry dated May 25, 2004,

Reference Document:

received by DOGM on June 3, 2004

The Division of Oil, Gas and Mining (DOGM) accepts Westport's plan of action to Plug and Abandon sixty-nine wells by year-end 2008. Based upon the plan of action DOGM approves these sixty-nine (69) wells for extended shut-in until September 1, 2005.

Approval Conditions (Federal Approval necessary on all Federal/Indian wells):

- 1. If SI/TA is desired beyond the approval date listed above, the operator should submit a request for extended SI/TA at that time. Adherence to the accepted plan of action, wellbore conditions etc. will be taken into consideration.
- 2. A well monitoring program should be in place to ensure that health, safety and the environment are all protected (wellbore integrity).
- 3. Any changes in wellbore conditions or integrity; or sustained pressure on casing/casing annuli shall be reported to the Division immediately. A new monitoring program or remedial action may be necessary at that time.

Dustin K. Doucet

August 20, 2004

Date

Petroleum Engineer



	-		
API#	WELL NAME	S-T-R	LEASE NUMBERS
43-047-			
	Proposed 2004 P&A's - 13 Wells		
31900	EAST GUSHER 15-1A	15-6-20 NENE	UTU-5800 7
30423	JACK RABBIT 1-11	11-10-23 SWNE	UTU-38425
32540	SOUTHMAN CANYON 09-03M	9-10-23 SWSW	UTU-37355
32543	SOUTHMAN CANYON 31-01-L	31-9-23 NWSW	UTU-33433
31100	NBU 070N3	3-10-22 SWNW	UTU-01191
30221	NBU 018	10-10-22 SWNE	UTU-025187
20280	WALKER HOLLOW U MCLISH 1	8-7-23 SWSW.	UTU-02651
30011	WALKER HOLLOW U MCLISH 2	8-7-23 SWSE	UTU-02651
30030	WALKER HOLLOW U MCLISH 4	8-7-23 NESW	UTU-02651
31034	WALKER HOLLOW UNIT 6	8-7-23 SESE	UTU-02651
30027	WALKER HOLLOW U MCLISH 3	8-7-23 NESE	UTU-02651
31092	WALKER HOLLOW UNIT J-8	8-7-23 NWSE	UTU-02651
31975	NBU 153	11-10-22 SWNW	U-01197A
	Proposed 2005 P&A's - 15 Wells		
31833	BASER DRAW 5-1	5-7-22 NWNW	UTU-075939
31834	BASER DRAW 6-1	6-7-22 NWNW	UTU-075939
31859	BASER DRAW FEDERAL 6-2	6-7-22 SWNE	UTU-075939
31304	COORS FEDERAL 14-1D	14-7-21 NWNW	
32009	COORS FEDERAL 2-10HB	10-7-21 NWNW	
30753	DM ICE FRIDAY 34-22	34-8-20 NESE	14-20-H62-2997
32333	FEDERAL 11-1-M	11-6-20 SWSW	UTU-64376
33831	HORSESHOE BEND FED 03-1	3-7-21 NWSE	UTU-0142175
33832	HORSESHOE BEND FED 04-1	4-7-21 NWSE	UTU-66401
33872	HORSESHOE BEND FED 26-3	26-6-21 NWSW	UTU-38401
33667	KENNEDY WASH FED 14-1	14-8-23 NWSW	UTU-71424
30623	SAND RIDGE FED 23-17	17-8-23 NESW	UTU-0143276
31508	STIRRUP FEDERAL 29-2	29-6-21 NWSE	UTU-46699
31634	STIRRUP FEDERAL 29-3	29-6-21 SESE	UTU-78854
30815	WEST WALKER FED. 1-33	33-6-22 NWSW	UTU-38411
	Proposed 2006 P&A's - 15 Wells		
30524	BITTER CREEK 01-03	3-11-22 SWNE	
30379	CANYON VIEW FEDERAL 1-18	18-10-23 SENW	
30369	CROOKED CYN FED 1-17	17-10-23 NENW	
31778	E BENCH UNIT #1	33-11-22 NWSE	
30365	FLAT MESA FED. 1-7	7-10-23 NWSE	
30544	LOOKOUT POINT STATE 1-16	16-10-23 NESE	
30766	LOVE UNIT B2-3	3-11-21 SWSW	
30560	NSO FEDERAL 1-12	12-10-23 NENW	
30558	PETE'S FLAT 1-1		UTU-40736
30382	SAGE HEN FEDERAL 1-6		UTU-38419
30383	SAGEBRUSH FEDERAL 1-8		UTU-37355
30856	SOUTHMAN CANYON 01-05 FED		UTU-33433
30632	SOUTHMAN CANYON 4-4	4-10-23 NWSE	
30481	WHITE RIVER 1-14	14-10-23 NENW	100 100 100 100 100 100 100 100 100 100
31775	WILLOW CREEK UNIT #1	27-11-20 SENE	[UT-128P

DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

SUNDRY NOTICES AND REPORTS ON WELLS

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5. Lease Serial No.

MULTIPLE	WELLS	- SEE A	TTACHED
----------	-------	---------	---------

	form for proposals to Use Form 3160-3 (APD)			6. If Indian, Al	lottee or Tribe Name
SUBMIT IN TRIPL		A/Agreement, Name and/or No.			
1. Type of Well		.		1	
Oil Well X Gas Well	Other			8. Well Name a	ind No.
2. Name of Operator				MULTIPLE W	ELLS- SEE ATTACHED
WESTPORT OIL & GAS CO)MPANY, L.P.			9. API Well No),
3a. Address		3b. Phone No. (inc	lude area code)	MULTIPLE W	ELLS- SEE ATTACHED
1368 SOUTH 1200 EAST, \	ERNAL, UTAH 84078	435-781-7060		10. Field and Poo	ol, or Exploratory Area
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Description	on)		BONANZA/S	OUTHMAN CANYON
MULTIPLE WELLS- SEE AT	TACHED			11. County or Pa	rish, State
				UINTAH COI	UNTY, UTAH
12. CHECK APP	ROPRIATE BOX(ES) TO I	NDICATE NATUR	E OF NOTICE, R	EPORT, OR OT	HER DATA
TYPE OF SUBMISSION		Т	YPE OF ACTION	1	
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Reclamatio		Water Shut-Off Well Integrity
Subsequent Report	Classing Repair	New Construction		-	Other VARIANCE
Final Abandonment Notice	Change Plans Convert to Injection	☐ Plug and Abando ☐ Plug Back	on I Temporarii Water Disp	y Abandon	
13. Describe Proposed or Completed Open					
Attach the Bond under which the wor following completion of the involved testing has been completed. Final At determined that the site is ready for fin. Westport Oil & Gas requests a variation and/or vent line valve. The valve.	operations. If the operation resultant condomment Notices shall be filed all inspection. The properties of the properti	ts in a multiple complet d only after all requirent , Part III C. a. require conomic analysis sh	tion or recompletion in the time including reclaining the time including reclaining each sales tan income the value of the time included in the time include	in a new interval, a I mation, have been o k be equipped with ne shrunk conden	Form 3160-4 shall be filed once completed, and the operator has the a pressure-vacuum thief
incremental cost of purchasing and The volume lost to shrinkage by dro					na. This was determined by
lab analysis of a representative sam					
dropped. The average well produce					· · · · · · · · · · · · · · · · · · ·
lost volume due to shrinkage. The	•	•	_	•	··· F
valves and other devices that hold to					
requests approval of this variance in					•
14. I hereby certify that the foregoing		of the well to the ope	stator and the mini	erai royalty owner	5.
Name (Printed/Typed)	is true and correct	Title			
DEBRA D	OMENICI	Title	ENVIRONM	ENTAL ASSIS	STANT
Signature	← J	Date			
- John Do	menica)	FOR FEDERAL OF		ıly 9, 2004	
Approved by	INIS SPACE	FOR FEDERAL OF	(STATE USE	TDA	
		Accer	ted by the	Date	
Conditions of approval, if any, are attached certify that the applicant holds legal or equit which would entitle the applicant to conduct	able title to those rights in the subje	arrant or Office	Division of	Fede Act	ral Approval Of This ion is Necessary
Title 18 U.S.C. Section 1001, make false, fictitious or fraudulent statemer	t a crime for any person known its or representations as to any	Datend willfully matter within its juris		artment or agency	of the United States any
(Instructions on reverse) COPYSE Date:	2-16-04	By	Way	11 4 1 2004	

Initials:

9661 1 4 2004

DIV. OF OIL, GAS & MINING

Westport Oil & G	is, LP.
Project Economic	
HINGCHOID:	Fill in blue b
	is protected to prevent accidental atteration of the formulas. See JTC for changes. OPX entered as annual costs and/or as unit OPX costs for \$/BF and \$/MCF
Project Name:	Condensale Shrinkage Economics
is this job a we	pull or production rig job ??? N (Y or N)
	BEFORE AFTER DIFFERENCE
Gross Oil Re	\$/Year \$/Year \$/Year /enue \$1,088 \$1,099 \$11
Gross Gas R	evanue \$0 \$0
NGL Reveni PULING UN	
WIRELINE SE	
SUBSURF EQ	JIP REPAIRS \$0
COMPANY	
CONTRISERY	
LEASE FUEL C	GAS \$0 \$0 \$0
UTILITIES - ELI	
CHEMICAL I	
WATER & HA	
ADMINISTRA	IVE COSTS \$0
GAS PLANT	
	Totals \$0 \$350 \$350 Increased OPX Per Year
Investment	reakdown:
	Cap/Exp Oll Price \$ 23.00 \$/80
Capital \$	Code Cost, \$ Gas Price \$ 3.10 \$/MCF 820/830/840 \$1,200 Electric Cost \$ - \$/HP / day
Expense \$	820/830/840 \$1,200 Electric Cost \$ - \$ / HP / day
Total \$	\$1,200 OPX/MCF \$ 0.62 \$/MCF
Production	& OPX Detail:
50 5 4 V	Before After Difference
Oli Productio Gas Product	3.52
Wtr Production	T I MOTE
Horse Power	HP O HP
Fuel Gas Bun	
Project Life:	Payout Calculation:
	Life = 20.0 Years
	(Life no longer than 20 years) Payout = Total investment = 1 Sum(OPX + Incremental Revenue)
Internal Rate	of Return:
Affer Tax	Payout occurs when total AT cashflow equals investment See graph below, note years when cashflow reaches zero
AT Com Cast	flow:
Operating Co	shflow = (\$2,917) (Discounted @ 10%) Payout = NEVER Years or #VALUE! Days
Gross Reserves	
Gas Reserves	* * * *
Gas Equiv Re	
es/Assumptions:	
An average l	BU well produces 0,192 Bood with no tank pressure. The production is increased to 0.196 Bood if 6 azs of pressure
are placed o	the tank. The increased production does not payout the valve cost or the estimated annual maintenance costs.
	Project: Condensate Shrinkage Economics
\$0 +	
(\$500)	
8	
를 (\$1,000) †	
(\$1,500)	
AT Commistive (\$1,500) (\$2,500)	
薯 (\$2,000)	
§	
\$ (\$2,500)	
(\$3,000)	
(40,000) 4	
1	
(\$3,500)	

Project Year

Westport Oil and Gas, Inc. NBU/Ouray Field

RFL 2003-022

COMPARISON OF FLASH BACK PRESSURES

Calculated by Characterized Equation-of-State

Fla	ash	Gas/Oil	Specific	Separator	Separator
Cond	litions	Ratio	Gravity of	Volume	Volume
<u> </u>		(scf/STbbl)	Flashed Gas	Factor	Percent
psig	°F	(A)	(Air=1.000)	(B)	(C)
Calculated	at Labora	tory Flash Condi	tions		
80	70			1.019	
0	122	30.4	0.993	1.033	101.37%
0	60	0.0		1.000	98.14%
Calculated	Flash witi	h Backpressure u	sing Tuned EOS	3	
80	70			1.015	
6.0 oz	65	24.6	0.777	1.003	98.82%
0	60	0.0		1.000	98.52%
80	70			1.015	
4.0 oz	65	24.7	0.778	1.003	98.82%
0	60	0.0	-	1.000	98.52%
80	70			1.015	
2.0 oz	65	24.7	0.779	1.003	98.82%
0	60	0.0		1.000	98.52%
80	70			1.015	
0	65	24.8	0.780	1.003	98.82%
0	60	0.0	-	1.000	98.52%

Note: Bubblepoint of sample in original sample container was 80 psig at 70° F with 1 cc water

⁽A) Cubic Feet of gas at 14.696 psia and 60 °F per Barrel of Stock Tank Oil at 60 °F.

⁽B) Barrels of oil at indicated pressure and temperature per Barrel of Stock Tank Oil at 60 °F.

⁽C) Oil volume at indicated pressure and temperature as a percentage of original saturated oil volume.

ALL WELLS ROCKY MOUNTAIN GAS- BONANZA/SOUTHMAN CANYON ENARDO VARIANCE

		L	EGAL	S			
WELL	SEC	SEC TWN RGE QTR/QTR		STF LEASE NO	CA NUMBER	API NO	
BONANZA 04-06	4	108	23E	NESW	U-33433	UTU33433	430473475100S1
BONANZA 06-02	6	108	23E	NESW	UTU38419	UTU38419	430473484300\$1
BONANZA 08-02	8	108	23E	SESE	UTU37355	UTU37355	430473408700S1
BONANZA 08-03	8	10S	23E	NWNW	U-37355	UTU37355	430473477000S1
BONANZA 09-05	9	10S	23E	SESW	U-37355	UTU37355	430473486600S1
BONANZA 09-06	9	10S	23E	NWNE	U-37355	UTU37355	430473477100S1
BONANZA 10-02	10	10S	23E	NWNW	U72028	UTU80201	430473470400S1
BONANZA 10-03	10	10S	23E	NWNE	UTU38261	CR-5	430473472800S1
BONANZA 10-04	10	10S	23E	SENE	UTU40736	CR-5	430473477200S1
BONANZA 1023-4E	4	105	23E	SWNW	U-33433	011-5	43047353920S1
BONANZA 1023-6C	6	108		NENW	U-38419	UTU38419	430473515300S1
BONANZA 1023-7B	7		23E	NWNE	U-38420	UTU38420	430473517200S1
BONANZA 1023-7L	7			NWSW	U-38420	01000420	430473528900S1
BONANZA 11-02	111			SWNW	UTU38425	CR-23	430473477300S1
BONANZA FEDERAL 03-15	15	10S		NENW	UTU38428	UTU38428	430473477300S1
CANYON VIEW FEDERAL 1-18	18			SENW	UTU38421	UTU38421	430473037900\$1
CROOKED CYN FED 1-17	17			NESW	UTU37355	UTU37355	430473037900S1
FLAT MESA FEDERAL 1-7	7			NWSE	UTU38420	UTU38420	430473036500S1
FLAT MESA FEDERAL 2-7	7				UTU38420	UTU38420	430473054500S1
JACK RABBIT 1-11	11				UTU38425	CR-23	
LOOKOUT POINT STATE 1-16	16				ML22186A	UR-23	430473042300S1
NO NAME CANYON 1-9	9				UTU037355	UTU37355	430473054400S1
NO NAME CANYON 2-9					UTU037355	UTU37355	430473037800\$1
NSO FEDERAL 1-12	+ - +				UTU38423	CR-22	430473150400S1
PETE'S FLAT 1-1					UTU40736	CR-22	430473056000S1
SAGE HEN FEDERAL 1-6	_				UTU38419	CE 2	430473055800S1
SAGEBRUSH FEDERAL 1-8					UTU37355	CR-3	430473038200S1
SHEEPHERDER FEDERAL 1-10	-						430473038300S1
SOUTHMAN CANYON 01-05 FED							430473055900\$1
SOUTHMAN CANYON 04-04							430473085600\$1
SOUTHMAN CANYON 04-05							430473063200S1
SOUTHMAN CANYON 09-03M	, , ,						430473063300S1
SOUTHMAN CANYON 09-04J							430473254000S1
SOUTHMAN CANYON 31-01-L	+ +						430473254100\$1
SOUTHMAN CANYON 31-02X							430473254300S1
SOUTHMAN CANYON 31-03							430473489800S1
SOUTHMAN CANYON 31-03							430473472600S1
SOUTHMAN CANYON 923-31B					JTU33433		430473472700S1
SOUTHMAN CANYON 923-31J							430473515000S1
							430473514900S1
SOUTHMAN CANYON 923-31P SOUTHMAN CANYON SWD #3					J-33433		430473528800S1
WHITE RIVER 1-14					JTU-38427	*****	430471588000S1
VVIIII C IVER 1-14	14 1	10S 2	3E N	NENW (JTU38427	JTU38427	430473048100 S 1

Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

6. If Indian, Allottee or Tribe Name

Lease Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS MULTIPLE WELLS- SEE ATTACHED

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPI	MULTIPLE WELLS- SEE ATTACHED					
I. Type of Well				- INCLUSION SELECTION OF THE PROPERTY OF THE P		
Oil Well X Gas Well	Other			8. Well Name and No.		
2. Name of Operator				MULTIPLE WELLS- SEE ATTACHED		
WESTPORT OIL & GAS CO	DMPANY, L.P.			9. API Well No.		
3a. Address		3b. Phone No. (include	le area code)	MULTIPLE WELLS- SEE ATTACHED		
1368 SOUTH 1200 EAST, 1	/ERNAL, UTAH 84078	435-781-7060		10. Field and Pool, or Exploratory Area		
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Description	on)		MULTIPLE WELLS- SEE ATTACHED		
MULTIPLE WELLS- SEE A	TTACHED			11. County or Parish, State		
				UINTAH COUNTY, UTAH		
12. CHECK APP	ROPRIATE BOX(ES) TO I	NDICATE NATURE	OF NOTICE,	REPORT, OR OTHER DATA		
TYPE OF SUBMISSION		TYP	E OF ACTIO	N		
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	=	n (Start/Resume) Water Shut-Off		
Subsequent Report	Casing Repair	New Construction	Reclamati Recomple	=		
	Change Plans	Plug and Abandon	= :	ily Abandon		
Final Abandonment Notice	Convert to Injection	Plug Back	Water Dis	·		

3. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY RESCINDS ANY PREVIOUSLY APPROVED DISPOSAL SITES AND PROPOSES THAT ANY PRODUCED WATER FROM THE ATTACHED LIST OF WELLS WILL BE CONTAINED IN A WATER TANK AND WILL THEN BE HAULED BY TRUCK TO ONE OF THE FOLLOWING PRE-APPROVED DISPOSAL SITES: DALBO, INC.; RNI, SEC. 5-T9S-R22E; ACE OILFIELD, SEC. 2-T6S-R20E; SOUTHMAN CANYON #3 SWD, SEC. 15-T10S-R23E, API NO. 43047158800000S1; AND DIRTY DEVIL FEDERAL 14-10 SWD, SWC. 10-T9S-R24E, API NO. 430473056600S1.

Accepted by the Utah Division of Oil, Gas and Mining

	EAL	A MILLING			
14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)	Title	RECORD ONLY			
DEBRA DOMENICI	ENVIRONMENTAL ASSISTANT				
Signature Olia Domenica	Date	July 12, 2004			
THIS SPAC	E FOR FEDERAL OR ST	ATE USE			
Approved by	Title	Date			
Conditions of approval, if any, are attached. Approval of this notice does not certify that the applicant holds legal or equitable title to those rights in the su which would entitle the applicant to conduct operations thereon.	warrant or bject lease Office				
Title 18 U.S.C. Section 1001, make it a crime for any person kn false, fictitious or fraudulent statements or representations as to an	owingly and willfully to ma	ke to any department of agency of the to tea	tes any		

(Instructions on reverse)

JUL 1 4 2004

	LEGALS						
WELL	SEC	TWN	RGE	QTR/QTR	STF LEASE NO	CA NUMBER	API NO
SOUTHMAN CANYON 04-04	4	108	23E	NWSE	UTU33433	UTU33433	430473063200S1
SOUTHMAN CANYON 04-05	5	108	23E	NESE	UTU33433	UTU33433	430473063300S1
SOUTHMAN CANYON 09-03M	9	108	23E	swsw	UTU37355	UTU37355	430473254000S1
SOUTHMAN CANYON 09-04J	9	108	23E	NWSE	UTU37355	UTU37355	430473254100S1
SOUTHMAN CANYON 31-01-L	31	09\$	23E	NWSW	UTU33433	UTU74898	430473254300\$1
SOUTHMAN CANYON 31-02X	31	098	23E	NWNW	UTU33433	UTU33433	430473489800S1
SOUTHMAN CANYON 31-03	31	098	23E	SENW	UTU33433	UTU33433	430473472600S1
SOUTHMAN CANYON 31-04	31	09S	23E	SESW	UTU33433		430473472700S1
SOUTHMAN CANYON 923-31B	31	098	23E	NWNE	U-33433	UTU33433	430473515000S1
SOUTHMAN CANYON 923-31J	31	09S	23E	NWSE	U-33433	UTU33433	430473514900S1
SOUTHMAN CANYON 923-31P	31	09S	23E	SESE	U-33433		430473528800S1
SOUTHMAN CANYON SWD #3	15	10S	23E	NESE	UTU-38427		430471588000S1
WHITE RIVER 1-14	14	10S	23E	NENW	UTU38427	UTU38427	430473048100S1

-

	LEGALS		.s				
WELL	SEC	SEC TWN RGE QTR		OTR/OTR	STF LEASE NO	CA NUMBER	API NO
BONANZA 04-06	4	108	23E	NESW	U-33433	UTU33433	430473475100S1
BONANZA 06-02	6	108	23E	NESW	UTU38419	UTU38419	430473484300\$1
BONANZA 08-02	8	108	23E	SESE	UTU37355	UTU37355	430473408700\$1
BONANZA 08-03	8	108	23E	NWNW	U-37355	UTU37355	430473477000S1
BONANZA 09-05	9	108	23E	SESW	U-37355	UTU37355	430473476600S1
BONANZA 09-06	9	108	23E	NWNE	U-37355	UTU37355	430473477100S1
BONANZA 10-02	10	108	23E	NWNW	U72028	UTU80201	430473470400S1
BONANZA 10-03	10	10S	23E	NWNE	UTU38261	CR-5	430473472800S1
BONANZA 10-04	10	10S	23E	SENE	UTU40736	CR-5	430473477200S1
BONANZA 1023-2A	2	10S	23E	NENE	ML47062		430473534700\$1
BONANZA 1023-2C	2	108	23E	NENW	ML47062		430473534600\$1
BONANZA 1023-2E	2	10S	23E	SWNW	ML47062		430473534500S1
BONANZA 1023-4E	4	108	23E	SWNW	U-33433		43047353920S1
BONANZA 1023-6C	6	108	23E	NENW	U-38419	UTU38419	430473515300S1
BONANZA 1023-7B	7		23E	NWNE	U-38420	UTU38420	430473517200S1
BONANZA 1023-7L	7	108	23E	NWSW	U-38420		430473528900S1
BONANZA 11-02	11	10S	23E	SWNW	UTU38425	CR-23	430473477300S1
BONANZA FEDERAL 03-15	15	10\$	23E	NENW	UTU38428	UTU38428	430473127800S1
CANYON VIEW FEDERAL 1-18	18	10S	23E	SENW	UTU38421	UTU38421	430473037900\$1
CIGE 008	35	09S	22E	SWSE	UTU010954A	891008900A	430473042700S1
CIGE 009	36	098	22E	NWSE	ML22650	891008900A	430473041900S1
CIGE 010	2	108	22E	NWSE	ML22651	891008900A	430473042500S1
CIGE 031	1	10S	22E	SWNW	U011336	891008900A	430473051100S1
CIGE 062D	36	098	22E	NWSW	ML22650	891008900A	430473088500S1
CIGE 067A	2	10\$	22E	NENE	ML22651	891008900A	430473093800S1
CIGE 068D	35	09\$		NWSW	UTU010954A	891008900A	430473095100S1
CIGE 089D	34	098	22E	SENE	UTU0149077	891008900A	430473114600S1
CIGE 105D	1	10S	22E	NENW	U011336	891008900A	430473175800S1
CIGE 118	+			NESE	UTU010954A	891008900A	430473202500S1
CIGE 144	2				ML22651	891008900A	430473202200S1
CIGE 147					ML22650	891008900A	430473202000S1
CIGE 153					UTU010954A	891008900A	430473206700S1
CIGE 161					ML22651	891008900A	430473216800S1
CIGE 162	4				ML22650	891008900A	430473216400S1
CIGE 186					UTU010954A	891008900A	430473259000S1
CIGE 193					UTU010954A	891008900A	430473297300S1
CIGE 194					U011336	891008900A	430473293200S1
CIGE 195					ML22651	891008900A	430473279700S1
CIGE 212					UTU0149077		430473293800S1
CIGE 221					ML22650		430473286800S1
CIGE 222							430473286900S1
CIGE 223							430473298300S1
CLIFF EDGE 1-15	-						430473046200S1
CROOKED CYN FED 1-17 FLAT MESA FEDERAL 1-7							430473036900S1
FLAT MESA FEDERAL 1-7							430473036500S1
JACK RABBIT 1-11							430473054500S1
							430473042300S1
LOOKOUT POINT STATE 1-16 NBU 024N2					ML22186A		430473054400\$1
NBU 038N2							430473053500S1
NBU 1022-1G							430473053600S1
NBU 922-35K							430473517500S1
NBU 922-33K							430473512600S1
NO NAME CANYON 1-9							430473510700S1
NO NAME CANYON 1-9 NO NAME CANYON 2-9							430473037800S1
NSO FEDERAL 1-12							430473150400S1
PETE'S FLAT 1-1							430473056000S1
SAGE HEN FEDERAL 1-6					JTU40736		430473055800S1
SAGEBRUSH FEDERAL 1-8							430473038200S1
SHEEPHERDER FEDERAL 1-10	*****						430473038300S1
SOUTHMAN CANYON 01-05 FED							430473055900\$1
SOUTHWAIN CANTON OF THE P	<u> </u>	100 Z	3E	SENW L	JTU33433	JTU74473 4	430473085600S1

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Form 3160-5 (August 1999)

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5. Lease Serial No.

SUNDRY	MULTIPLE WELLS- SEE ATTACHED					
Do not use this	6. If Indian, Allottee or Tribe Name					
abandoned well.	Use Form 3160-3 (APD)	for su	ch proposal	s.		
						7. If Unit or CA/Agreement, Name and/or No.
SUBMIT IN TRIPL	ICATE – Other instru	ctions	on revers	e sid	de	MULTIPLE WELLS- SEE ATTACHED
I. Type of Well						INIOCTIT EE WELEGS GEE AT TAGTIED
Oil Well X Gas Well	Other					8. Well Name and No.
2. Name of Operator						MULTIPLE WELLS- SEE ATTACHED
WESTPORT OIL & GAS CO	MPANY, L.P.					9. API Well No.
3a. Address	,	3b. Pł	one No. (inclu	le are	ea code)	MULTIPLE WELLS- SEE ATTACHED
1368 SOUTH 1200 EAST, V	ERNAL, UTAH 84078	435-7	81-7060			10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec.,						MULTIPLE WELLS- SEE ATTACHED
MULTIPLE WELLS- SEE AT	TACHED					11. County or Parish, State
						LUNITALI COLINITY LITAH
						UINTAH COUNTY, UTAH
12. CHECK APPI	ROPRIATE BOX(ES) TO I	NDICA'	ΓΕ NATURE	OF 1	NOTICE, R	EPORT, OR OTHER DATA
TYPE OF SUBMISSION			TYI	PE O	F ACTION	
Notice of Intent	Acidize	Dee	pen	П	Production	(Start/Resume) Water Shut-Off
	Alter Casing		ture Treat	ō	Reclamatio	·
Subsequent Report	Casing Repair	Nev Nev	/ Construction		Recomplete	Other
	Change Plans		g and Abandon		Temporaril	
Final Abandonment Notice	Convert to Injection	Plug	g Back	X	Water Disp	osal
If the proposal is to deepen directiona Attach the Bond under which the wor following completion of the involved of	lly or recomplete horizontally, gi k will be performed or provide to perations. If the operation resul- andonment Notices shall be file	ve subsurf he Bond I ts in a mu	ace locations and No. on file with altiple completion	imea BLM/ norr	sured and true /BIA. Requir ecompletion i	ny proposed work and approximate duration thereof evertical depths of all pertinent markers and zones. The subsequent reports shall be filed within 30 days in a new interval, a Form 3160-4 shall be filed once mation, have been completed, and the operator has
Westport Oil & Gas Company	v rescinds any previous	slv app	roved dispo	sal	sites and	proposes that any produced
water from the attached list of	of wells on Exhibit A will	be cor	ntained in a	wat	er tank a	nd will then be hauled by truck
to one of the following pre-ap	proved disposal sites:	Dalbo	Inc. Dispos	sal F	Pit; RNI D	isposal Pit, Sec. 5-T9S-R22E;
Ace Oilfield Disposal, Sec. 2-	T6S-R20E; Southman	Canyo	n #3 SWD,	Sec	. 15-T10	S-R23E, API No. 43047158800000S1
CIGE 9 SWD, Sec. 36-T9S-F	R22E; and Dirty Devil F	ederal	14-10 SWD	, Se	ec. 10-T9:	S-R24E, API No. 430473056600S1.
The disposal/emergency pits	for the locations listed	on Ext	nibit B will b	e re	claimed v	vithin the 2004 year. The rest of the
locations that have disposal/e	emergency pits which a	are liste	d on Exhibi	t C	will have	their pits reclaimed by September
2008.	, , , , , , , , , , , , , , , , , , ,					RECENT
						"" CIVED
						proposes that any produced and will then be hauled by truck isposal Pit, Sec. 5-T9S-R22E; S-R23E, API No. 43047158800000S1 S-R24E, API No. 430473056600S1 within the 2004 year. The rest of the their pits reclaimed by September API No. 430473056600S1 within the 2004 year. The rest of the their pits reclaimed by September API NO. 430473056600S1.
14. I hereby certify that the foregoing	is true and correct					DIV. OF OU
Name (Printed/Typed)		Title	;			ENTAL ASSISTANT GAS & MILL
Signature DEBRA D	IVIRONM	ENTAL ASSISTANT "MINING				
	umi)	Date	•		Ju	ly 22, 2004
		FOR FI	DERAL OR	TAT		· · · · · · · · · · · · · · · · · · ·
Approved by			Title			Date
·						
Conditions of approval, if any, are attached,			Office			

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

Characteristics of the United States any matter within its jurisdiction.

Characteristics on reverse Oil, Gas and Mining

FOR RECORD ONLY

which would entitle the applicant to conduct operations thereon.

	LEGALS			S	- 1.11"		
WELL	SEC	TWN	RGE	QTR/QTR	STF LEASE NO	CA NUMBER	API NO
SOUTHMAN CANYON 04-04	4	10S	23E	NWSE	UTU33433	UTU33433	430473063200S1
SOUTHMAN CANYON 04-05	5	10S	23E	NESE	UTU33433	UTU33433	430473063300\$1
SOUTHMAN CANYON 09-03M	9	10S	23E	SWSW	UTU37355	UTU37355	_430473254000S1
SOUTHMAN CANYON 09-04J	9	108	23E	NWSE	UTU37355	UTU37355	J430473254100S1
SOUTHMAN CANYON 31-01-L	31	098	23E	NWSW	UTU334 <u>33</u>	UTU74898	430473254300S1
SOUTHMAN CANYON 31-02X	31	098	23E	NWNW	UTU33433	UTU33433	430473489800S1
SOUTHMAN CANYON 31-03	31	098	23E	SENW	UTU33433	UTU33433	430473472600S1
SOUTHMAN CANYON 31-04	31	098	23E	SESW	UTU33433		430473472700S1
SOUTHMAN CANYON 923-31B	31	09S	23E	NWNE	U-33433	UTU33433	430473515000S1
SOUTHMAN CANYON 923-31J	31	09\$	23E	NWSE	U-33433	UTU33433	430473514900S1
SOUTHMAN CANYON 923-31P	31	09S	23E	SESE	U-33433		430473528800S1
SOUTHMAN CANYON SWD #3	15	10S	23E	NESE	UTU-38427		430471588000S1
WHITE RIVER 1-14	14	10\$	23E	NENW	UTU38427	UTU38427]430473048100S1

EXHIBIT B PITS TO BE RECLAIMED IN 2004

	LEGALS						
WELL	SEC	TWN	RGE	QTR/QTR	STF LEASE NO	CA NUMBER	API NO
CIGE 008	35	098	22E	SWSE	UTU010954A	891008900A	430473042700S1
CIGE 062D	36	098	22E	NWSW	ML22650	891008900A	430473088500S1
CIGE 153	35	09S	22E	SESW	UTU010954A	891008900A	430473206700S1

EXHIBIT C PITS TO BE RECLAIMED BY SEPTEMBER, 2008

		LI	EGALS	3	***		
WELL	SEC	TWN	RGE	QTR/QTR	STF LEASE NO	CA NUMBER	API NO
CIGE 008	35	09S	22E	SWSE	UTU010954A	891008900A	430473042700S1
CIGE 009	36	09S	22E	NWSE	ML22650	891008900A	430473041900S1
CIGE 010	2	10S	22E	NWSE	ML22651	891008900A	430473042500S1
CIGE 031	1	10S	22E	SWNW	U011336	891008900A	430473051100S1
CIGE 062D	36	09S	22E	NWSW	ML22650	891008900A	430473088500S1
CIGE 067A	2	10\$	22E	NENE	ML22651	891008900A	430473093800S1
CIGE 068D	35	098	22E	NWSW	UTU010954A	891008900A	430473095100S1
CIGE 089D	34	09S	22E	SENE	UTU0149077	891008900A	430473114600S1
CIGE 105D	1	10S	22E	NENW	U011336	891008900A	430473175800S1
CIGE 118	35	09S	22E	NESE	UTU010954A	891008900A	430473202500S1
CIGE 144	2	10S	22E	SWNE	ML22651	891008900A	430473202200S1
CIGE 153	35	09S	22E	SESW	UTU010954A	891008900A	430473206700S1
CIGE 161	2	10S	22E	SESE	ML22651	891008900A	430473216800S1
CIGE 162	36	09S	22E	SESE	ML22650	891008900A	430473216400S1
NBU 024N2	12	10S	22E	SESE	U01197A	891008900A	430473053500S1
NBU 038N2	13	10S	22E	NWSW	U06512	891008900A	430473053600S1

		L	EGAL	.s			
WELL			·	QTR/QTR		CA NUMBER	
BONANZA 04-06	4	108	23E	NESW	U-33433	UTU33433	430473475100S1
BONANZA 06-02	6	10S	23E	NESW	UTU38419	UTU38419	430473484300S1
BONANZA 08-02	8	10S	23E	SESE	UTU37355	UTU37355	_430473408700S1
BONANZA 08-03	8	108	23E	NWNW	U-37355	UTU37355	430473477000S1
BONANZA 09-05	9	108	23E	SESW	U-37355	UTU37355	430473486600S1
BONANZA 09-06	9	108	23E	NWNE	U-37355	UTU37355	430473477100S1
BONANZA 10-02	10	10S	23E	NWNW	U72028	UTU80201	_430473470400S1
BONANZA 10-03	10	108	23E	NWNE	UTU38261	CR-5	430473472800\$1
BONANZA 10-04	10	108	23E	SENE	UTU40736	CR-5	430473477200S1
BONANZA 1023-2A	2	10\$	23E	NENE	ML47062		430473534700S1
BONANZA 1023-2C	2	10\$	23E	NENW	ML47062		430473534600S1
BONANZA 1023-2E	2	10S	23E	SWNW	ML47062		43047353450081
BONANZA 1023-4E	4	10S	23E	SWNW	U-33433		43047353920S1
BONANZA 1023-6C	6	10S	23E	NENW	U-38419	UTU38419	430473515300\$1
BONANZA 1023-7B	7	10S	23E	NWNE	U-38420	UTU38420	430473517200S1
BONANZA 1023-7L	7	10\$	23E	NWSW	U-38420	J.533.24	430473528900S1
BONANZA 11-02	11	105	23E	SWNW	UTU38425	CR-23	43047347730081
BONANZA FEDERAL 03-15	15	108	23E	NENW	UTU38428	UTU38428	430473477300S1
CANYON VIEW FEDERAL 1-18	18	10S	23E	SENW	UTU38421	UTU38421	43047303790081
CIGE 008	35		22E	SWSE	UTU010954A	891008900A	430473042700S1
CIGE 008	36			NWSE	ML22650	891008900A	43047304270081
CIGE 010	2		22E		ML22651	891008900A	430473042500\$1
CIGE 031	1		22E	SWNW	U011336	891008900A	43047304230031 430473051100S1
CIGE 031	36				ML22650		43047308850081
CIGE 002D	2					891008900A	
CIGE 067A					ML22651	891008900A	430473093800S1
					UTU010954A	891008900A	430473095100S1
CIGE 089D				SENE	UTU0149077	891008900A	430473114600S1
CIGE 105D					U011336	891008900A	430473175800S1
CIGE 118					UTU010954A	891008900A	430473202500S1
CIGE 144					ML22651	891008900A	430473202200S1
CIGE 147					ML22650	891008900A	430473202000S1
CIGE 153					UTU010954A	891008900A	430473206700S1
CIGE 161	2				ML22651	891008900A	430473216800S1
CIGE 162					ML22650	891008900A	430473216400S1
CIGE 186					UTU010954A	891008900A	430473259000S1
CIGE 193	35				UTU010954A	891008900A	430473297300S1
CIGE 194	1	10S	22E	SWNW	U011336	891008900A	430473293200S1
CIGE 195	2	10S	22E	NWNE	ML22651	891008900A	43047327970051
CIGE 212	34	09S	22E	NENE	UTU0149077	891008900A	430473293800S1
CIGE 221	36	098	22E	swsw	ML22650	891008900A	430473286800S1
CIGE 222	36	098	22E	NESW	ML22650	891008900A	430473286900S1
CIGE 223							430473298300S1
CLIFF EDGE 1-15	15	10S	23E		UTU38427	UTU38427	430473046200S1
CROOKED CYN FED 1-17						UTU37355	430473036900S1
LAT MESA FEDERAL 1-7						UTU38420	430473036500S1
LAT MESA FEDERAL 2-7					UTU38420	UTU38420	430473054500S1
JACK RABBIT 1-11					UTU38425	CR-23	430473042300S1
OOKOUT POINT STATE 1-16					ML22186A		430473054400S1
NBU 024N2						891008900A	430473053500\$1
NBU 038N2							430473053600S1
NBU 1022-1G							43047353555531 430473517500S1
NBU 922-35K							
NBU 922-35K NBU 922-36I							430473512600S1
NO NAME CANYON 1-9						· · · · · · · · · · · · · · · · · · ·	430473510700S1
							430473037800S1
NO NAME CANYON 2-9						UTU37355	430473150400S1
NSO FEDERAL 1-12							430473056000S1
PETE'S FLAT 1-1					UTU40736		430473055800S1
SAGE HEN FEDERAL 1-6							430473038200S1
SAGEBRUSH FEDERAL 1-8							430473038300S1
SHEEPHERDER FEDERAL 1-10	_						430473055900S1
SOUTHMAN CANYON 01-05 FED	5	108	23E	SENW	JTU33433	UTU74473	430473085600\$1

- - Form 3160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0135

or agency of the United States any

Rin	REAU OF LAND MANAGE	MENT	Expires inovember 30, 2000						
			5. Lease Serial No.						
	NOTICES AND REPORTS		UTU-37355						
abandoned well.	s form for proposals to a Use Form 3160-3 (APD) fo	drill or reenter an or such proposals.	6. If Indian, Allottee or Tribe Name						
SUBMIT IN TRIPL	LICATE – Other instructi	ions on reverse side	7. If Unit or CA/Agreement, Name and/or No.						
1. Type of Well			4						
Oil Well Gas Well	Other		8. Well Name and No.						
2. Name of Operator			CROOKED CANYON 1-17						
WESTPORT OIL & GAS CO	DMPANY I P		9. API Well No.						
3a. Address	3ъ	. Phone No. (include area code)	143-047-30369						
1368 SOUTH 1200 EAST \		135) 781-7024							
4. Location of Well (Footage, Sec.,		33) 781-7824	10. Field and Pool, or Exploratory Area						
	, , ,, oy 2 ese quien,		NATURAL BUTTES 11. County or Parish, State						
NENW SECTION 17-T10S-	R23F 863'FNI & 1680'EV	1//	11. County or Parish, State						
12. CHECK APP	12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE								
TYPE OF SUBMISSION		TYPE OF ACTION							
Notice of Intent	Acidize	, par	(Start/Resumc)						
Subsequent Report	Casing Repair	Fracture Treat Reclamatio New Construction Recomplete	- · · · · · · · · · · · · · · · · · · ·						
	Change Plans	-							
Final Abandonment Notice	Convert to Injection	Plug Back Water Disp							
13. Describe Proposed or Completed Open	ations (clearly state all pertinent detail		y proposed work and approximate duration thercof.						
Attach the Bond under which the wor following completion of the involved	k will be performed or provide the Boperations. If the operation results in pandonment Notices shall be filed only	and true and No. on file with BLM/BIA. Requir a multiple completion or recompletion in	y proposed work and approximate duration thercolly vertical depths of all pertinent markers and zones, and subsequent reports shall be filed within 30 days in a new interval, a Form 3160-4 shall be filed once mation, have been completed, and the operator has						
THE OPERATOR REQUEST THE SUBJECT WELL LOCA THE SUBJECT WELL LOCA	TION HAS NO UPHOLE F	POTENTIAL.	SUBJECT WELL LOCATION. ABANDONED.						
PLEASE REFER TO THE AT	TACHED PLUG AND AB	ANDON PROCEDURE	Secretary and the second						
		THE STATE OF THE S							
		t ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	CCFY SENT TO OPERATOR Code: 8-29-25 Inhibits						
14. I hereby certify that the foregoing	is true and correct	, , , , , , , , , , , , , , , , , , ,	the broken and the second and the se						
Name (Printed/Typed)		Title Regulatory Analyst							
Sheila Upchego,									
THUK UM		Date Nugust 17, 2005							
		R FEDERAL OR STATE USE							
Approved by	 	Title Accepted by	Late 1						
Conditions of approval, if any, are attached certify that the applicant holds legal or equita which would entitle the applicant to conduct of	ble title to those rights in the subject les	Utah Division	- Le						
(0)4 10 110 0 0 1		- Day 6/17-10-							

Title 18 U.S.C. Section 1001, make it a crime for a property and with the false, fictitious or fraudulent statements or representations as to any matter with the jurisdistance. (Instructions on reverse)

AUG 1 9 2005

CROOKED CANYON FED. 1-17 863' FNL & 1689' FWL NENW – Sec. 17 – T10S – R23E Uintah County, UT

KBE:

5347'

API NUMBER:

43-047-30369

GLE:

5335'

LEASE NUMBER:

UTU-37355

TD:

7085'

WI:

100%

PBTD:

7036' (FC)

NRI:

75%

6742 (RBP)

ORRI:

0%

6700 (CIBP)

UNIT/CA#:

CASING:

17.5" hole

13.625" 48# H-40 @ 225'.

Cemented with 350 sx. Class H.

12.25" hole

8.625" 24# K-55 @ 2043'

Cemented with 125 sx. RFC. TOC @ ~1695' by calculation.

7.875" hole

4.5" 11.6# N-80 @ 7084'.

Cemented with 981 sx. RFC. TOC @ 5000' by CBL.

TUBING:

2.375" 4.7# J-55 landed at 5906'.

Tubular	Drift	Collapse	Burst	Capacitie	es	
	inches	psi	Psi	Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1626	0.02173	0.00387
4.5" 11.6# N/M/I-80 csg	3.875	6350	7780	0.6528	0.0872	0.01554
8.625" 24# K-55 csg		1780	2950	2.6749	0.3575	0.0636
13.375" 48# H-40	12.56	770	1730	6.5962	0.8817	0.1570
Annular Capacities					·	
2.375" tbg. X 4.5" 11.6# cs				0.4226	0.0565	0.01006
4.5" csg. X 8.625" 24# csg.				1.8487	0.2471	0.04401
8.625" csg. X 13.375" 48#	csg.			3.5616	0.4760	0.0848
4.5" csg. X 7.875" hole	1.7052	0.2278	0.0406			
8.625" csg. X 12.25" hole			3.0870	0.4127	0.0735	

GEOLOGIC INFORMATION:

Formation Depth to top, ft.

Uinta Surface
Green River 2669'
Wasatch 4010'
Mesa Verde 6229'

Tech. Pub. #92 Base of USDW's

USDW Elevation

~1200' MSL

EXISTING PERFORATIONS:

Formation	Date	Тор	Bottom	SPF	Status
# 35 at \$25 at		(4) E (4)		and the	ta haranta and a second
Wasatch	4/27/1978	5268	5270	1	Open
Wasatch	4/27/1978	5930	5935	1	Open
Wasatch	4/27/1978	5950	5954	1	Open
Mesa Verde	4/27/1978	6504	6514	1	Open
Mesa Verde	4/27/1978	6530	6536	1	Open
Mesa Verde	4/27/1978	6725	6732	1	Excl. CIBP
Mesa Verde	7/23/1983	6754	6768	1	Excl. CIBP
Mesa Verde	4/27/1978	6995	7010	1	Excl. CIBP

WELL HISTORY:

Completion – April 1978

- TD'd on 4/29/1978.
- Perforated the gross Mesa Verde and Wasatch interval 5268' through 7010', acidized with 210 bbl. 7.5% HCl/1.5% HF, then fractured with 201000 gal. gel containing 334000# 20/40 mesh sand.
- Tested 2200 MCFD, 0 BWPD, 1250 psi FTP, 1300 SICP, 24/64th choke on 5/7/1978.
- First sales were in February 1980 (waiting on pipeline).

Workover #1 – July 1983

- Perforated 6754-6768', isolated with tools and fractured with 40750 gal. foam containing 65000# 20/40 mesh sand.
- Tested wet, isolated under a RBP set at 6742'. No tests reported.

Workover #2 – November 1994

- Set CIBP at 6700'.
- Set RBP at 5906' and pressure tested casing to 500 psi held.
- Retrieve RBP and RTP.

REMARKS:

- Log copies provided by Denver for Vernal files.
- Geologic review complete on 8/24/2004 (Robert Single): No additional potential, plug it. Leave on P&A schedule for 2006.

CROOKED CYN FED 1-17 P&A PROCEDURE

GENERAL

- H2S MAY BE PRESENT. CHECK FOR H2S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- BRINE WITH A MINIMUM DENSITY OF AT LEAST 9 PPG MUST BE PLACED BETWEEN ALL PLUGS. 10 PPG IS ASSUMED IN THIS PROCEDURE.
- NOTIFY THE BLM AT 435-781-4400 24 HOURS BEFORE MOVING ON LOCATION.

P&A PROCEDURE

- 1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
- 2. TOH WITH TUBING. RU WIRELINE AND MAKE A GAUGE RING RUN TO ~6350'.
- 3. PLUG #1, MV TOP (~6229'): SPOT A BALANCED CEMENT PLUG FROM ~6329' ~6129' USING ~25 SX (~28.43 CUFT.) CEMENT. DISPLACE WELL WITH 10 PPG BRINE.
- 4. PLUG #2, PERFORATIONS (TOP PERF @ 5268'), BASE OF USDW'S (~4147'), WASATCH TOP (~4010'): RIH & SET A CIBP @ 4300' TO ISOLATE PERFORATIONS. SPOT ~43 SX (~48.63 CUFT.) OF CEMENT ON TOP (~390') OF CIBP. DISPLACE WELL WITH 10 PPG BRINE.
- 5. PLUG #3, GREEN RIVER TOP (~2669'): PERFORATE ~2769' WITH 4 SPF, SET CICR AT ~2569' AND SQUEEZE A MINIMUM OF ~70 SX OF CLASS G CEMENT BENEATH CICR (~80.01 CUFT.). DISPLACE WELL WITH 10 PPG BRINE.
- 6. PLUG #4, CASING STUB & INTERMEDIATE CSG SHOE (~2016'): CUT 4 ½" CASING @ ~2043'. PULL AND LD SAME. SPOT 50' (~17 SX OR 18.9 CUFT.) CLASS G CEMENT INSIDE CASING STUB AND 4 1/2" x 7 7/8" ANNULUS. SPOT 200' (~75 SX OR 85.8 CUFT.) CEMENT ON TOP OF CASING STUB. DISPLACE WELL WITH 10 PPG BRINE.
- 7. PLUG #5, CASING STUB & SURFACE: CUT 8 5/8" CASING @ ~225'. PULL AND LD SAME. SPOT ~75' OF CEMENT INSIDE 8 5/8" CASING AND 8 5/8" X 12 1/4" ANNULUS USING ~50 SX (~57.76 CUFT.) CLASS G CEMENT. FILL SURFACE CASING WITH ~173 SX (~198.38 CUFT.) OF CLASS G CEMENT.
- 8. CUT OFF WELLHEAD AND INSTALL MARKER PER BLM GUIDELINES.
- 9. RDMO. TURN OVER TO OPERATIONS FOR SURFACE REHAB.

ALM - 8/14/05

Green River

buser 4142

Mesasorch

6224

API Well No: 43-047-30369-00-00

Permit No:

Well Name/No: CROOKED CYN FED 1-17

Company Name: WESTPORT OIL & GAS CO LP Location: Sec: 17 T: 10S R: 23E Spot: NENW

Coordinates: X: 640649 Y: 4423722 **Field Name:** NATURAL BUTTES

County Name: UINTAH

Surface play 300 - Surface

Cement from 225 ft. to surface

Surface: 13.375 in. @ 225 ft.

Hole: 17.25 in. @ 225 ft.

String Information									
String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)					
HOLI	225	17.25							
SURF	225	13.375	48						
HOL2	2043	12.25							
I1	2043	8.625	24						
HOL3	7084	7.875							
PROD	7048	4.5	11.6						

Cement from 2043 ft. to 1695 ft.

Intermediate: 8.625 in. @ 2043 ft.

Hole: 12.25 in. @ 2043 ft.

Cut 4 4 " @ 2043 250' plug

plug #4 2043 - 1843

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
I1	2043	1695	UK	125
PROD	7048	5000	UK	981
SURF	225	0	Н	350

plug #3 cicr@ 2569
2001 plug 2569-2769

Perforation Information

Top Bottom
(ft sub) (ft sub) Shts/Ft No Shts Dt Squeeze
5268 7010

plug # 2 390'
3910-4300'

CIBP@43001

Plug 1 Balanced 200'
6129-6329

Cement from 7048 ft. to 5000 ft.

Production: 4.5 in. @ 7048 ft. Hole: 7.875 in. @ 7084 ft.

Hole: Unknown

TD: 7085 **TVD:**

PBTD:

Form 3 160-5 (August 1999)

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

5. Lease Serial No.

UTU-37355

FORM APPROVED

OMB No. 1004-0135

Expires Inovember 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for propos abandoned well. Use Form 3160-3	6. If Indian, Allottee or Tribe Name			
SUBMIT IN TRIPLICATE – Other i	nstructions on reverse side	7. If Unit or CA/Agreement, Name and/or No.		
1. Type of Well Oit Well		8. Well Name and No.		
2. Name of Operator		CROOKED CANYON 1-17		
WESTPORT OIL & GAS COMPANY L.P.		9. API Well No.		
3a. Address	3b. Phone No. (include area code)	43-047-30369		
1368 SOUTH 1200 EAST VERNAL, UT 840.		10. Field and Pool, or Exploratory Area		
4. Location of Well (Footage, Sec., T., R., M., or Survey D.		NATURAL BUTTES		
	•	11. County or Parish, State		
NENW SECTION 17-T10S-R23E 863'FNL &	1689'FWL	UINTAH COUNTY, UTAH		
12. CHECK APPROPRIATE BOX(E	S) TO INDICATE NATURE OF NOTICE,	REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTIO	И		
Notice of Intent Notice of Intent Acidize Alter Casing Casing Repair Change Plans Final Abandonment Notice Convert to Inju	Fracture Treat Reclamat New Construction Recomple X Plug and Abandon Temporar	otte Other		
13. Describe Proposed or Completed Operations (clearly state all If the proposal is to deepen directionally or recomplete horizon Attach the Bond under which the work will be performed or following completion of the involved operations. If the operatesting has been completed. Final Abandonment Notices shat determined that the site is ready for final inspection.	ntally, give subsurface locations and measured and t provide the Bond No. on file with BLM/BIA. Requision results in a multiple completion or recompletion If be filed only after all requirements, including rec	nue vertical depths of all pertinent markers and zones, nired subsequent reports shall be filed within 30 days in a new interval, a Form 3160-4 shall be filed once damation, have been completed, and the operator has		
11/18/05: MIRU P&A EQUIP NDWH NUBOP TO 5187' STING OUT & CAP W/10 SX TOH. PMP 60 SX F/2750' & UP TOH/WOC TIH/TB 65 SX TOH/WOC. TIH/TAG CMT @1590'. TO MIX & PMP 90 SX TOH/WOC. TIH/TAG CMT PER BLM. TIH/MIX & PMP 30 SX F/272' TO CMT TO SURFACE WOC WELL BORE FULL WELD ON PLATE RDMO P&A EQUIP.	FREEPOINT CUT & LD 4 1/2" F/26 G PLUG @2435'. OK PER BLM. TO DH FREEPOINT CUT/LD CSG 8-5/8 @1340' OK PER BLM. GRAVEL P TOP WOC. TIH/TAG CMT @222'. N L CMT TO SURFACE. DIG OUT & G	00'. TIH/TBG TO 2750'. OH TO 2093' MIX & PMP 3" F/1441'. TIH/TBG TO 1500'. ACK WELL TO 272'. OK MIX & PMP 220 SX GOOD CUT OFF WELL HEAD		

I hereby certify that the foregoing is true and correct RECEIVED Name (Printed/Typed) Title Regulatory Analyst Sheila Upchego DEC 0 6 2005 Signatur Date November 29, 2005 DIV OF OIL, CAS & MINING THIS SPACE FOR FEDERAL OR STATE USE Approved by Date Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-4 (August 1999)

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: November 30, 2000

Lease Scrial No.

DOTEM OF EMPLOYMENT	
WELL COMPLETION OR RECOMPLETION REPORT AND LOG	5. Lease Scri
	UTU-37355

1а. Туре с	of Well	Oil '	Well	X Gas		Dry	Ot	her					6	. If In	dian, A	Hottee o	or Tribe	: Name
b. Type o	f Completic	n:		New	\	Work Over		Deepen	D PI	ug Back	Diff	Resvr.	<u></u>	1.1.27			N1-	1 N1
			Othe	er <u>P</u> L	UG A	ND AB	AND	ON					7	. Unii	or CA	Agreem	ient Na	me and No.
2. Name o	f Operator												1 8	Leas	e Name	e and W	ell No.	
WESTF	ORT O	L & GA	s cc	MPAN	Y L.P	·.							1 *					N 1-17
3. Addres	s								3a. Ph	one No. (i	nclude are	a code)			Well N			
1368 S	OUTH 12	200 EA	ST V	/ERNAI	_, UT,	AH 8407	78		(435)	-781-70	24				3036			
4. Locatio	n of Well <i>(H</i>	Report loc	ations	clearly ar	ıd in ac	cordance v	with F	ederal req	uiremen	ts)*				_		ool, or l	Evalor	nton.
At surface				- NIENI\A/	0001	FNL & 1	COO	E-1.A./I					1			UTTES		nory
At surface				NEMVV	803	FINL &	689	FVVL					1			., M., or		and
At top pro-	d. interval r	eported be	elow															7-T10S-R23E
															inty or i	Parish		13. State
At total de														1TAH				UTAH
14. Date S	-		- 1	15. Date		eached			16. Da	te Complet D & A		dy to Prod.	1			(DF, RK	CB, RT	, GL)*
03/25/7	8		ľ	04/29/7	'8				11/18			_, .o	533	35'GF	₹			
18. Total		D VD	708	5	19. Pl	ug Back T		MD TVD	7036	I		20. Deptl	n Brid	ge Plug		MD IVD		
21. Type I	Electric & C		hanica	l Logs Ru	n (Subr	mit copy of					22. Was	well corec	19 X 1	No		es (Sub	mit cop))
7 1												DST run?			_	es (Sub		
N/A											Dire	ctional Su	rvey?	X No	υ 📮	Yes (Submit	сору)
23. Casing	g and Liner	Record (Report	all string	s set in	well)						·						
Hole Size	Size/Grade	Wt. (#.	/ft.)	Top (N	4D)	Bottom (1	MD)	Stage Ce			Sks. &	Slurry V		Cer	ment To	_{эр*}	Am	ount Pulled
17 1/4"	13 3/8"	487				225	,	Dep	oth		Cement	(BBL)		· · · · · · · · · · · · · · · · · · ·			
12 1/4"	8 5/8"	247				2043	$\overline{}$			350 SX 125 SX						-		
7 7/8"	4 1/2"	11.6				7084' 565 SX								······································		_		
-1170	1 1/2	11.0	-							330	<u> </u>							
24. Tubing	g Record																	
Size	Depth S		Pack	er Depth (MD)	Size		Depth Se	t (MD)	Packer De	epth (MD)	Siz	ze	r	Depth S	Set (MD)) Pa	cker Set (MD)
2 3/8"	704	48'					1							\perp			_	
	<u> </u>		<u> </u>				-	24 D C										
25. Produc	ing Interva Formatio	·····		Top		Bottor	73	26. Perforation Record Perforated Interval Size				T .	lo. Hol	les l		Perf. S	Statue	
A.>	N/A	111		101	<u>'</u>	Bottot	11	1 (1	N/A			13120	1 '	v O. 1101	103		1 011. 0	714143
A) B)	11//						 		1377	•			 					
<u>C)</u>		•																
D)															1			
27. Acid, l	Fracture, Tr	catment, (Cemen	t Squeeze	, Etc.						·							
	Depth Inter	val								Amount ar	d type of l	Material						
	N/A															11/1/2	\mathcal{C}	
			\rightarrow													0.00/		
			\rightarrow											Ut	<u>- L. U</u>	6 200	לו	<u> </u>
28 Produc	tion - Inter	zal A											F- 1		011 0		*1* *** / *	`
Date First	Test	Hours	Test	Oil	1	Gas	Water		Oil Grav	ity	Gas			V. C.			******	<u>i</u>
Produced	Date	Tested	Produc	. I	.	MCF	BBL		Corr. AF	¹	Gravity							
				>					1000							P&A	4	
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL		Gas MCF	Water BBL		Oil Grav Corr. AF	-	Well Status	5						
	SI SI			→										F	P&A			
28a. Produ	ction - Inte	rval B																
Date First	f'est	Hours	Test Produc	Oil ction BBL		Gas MCF	Water		Oil Grav Corr. AF	-	Gas Gravity		Produ	iction M	iethod	·		
Produced	Date	Tested	-roauc	Mon IRBL		MCL	BBL		Con. AF	1	Chavity							
Choke	Tbg. Press.	Csg.	24 Hr.	Oil		Gas	Water		Oil Grav	ity	Well Status	3	1					
Size	Flwg.	Press.	Rate	BBL	.	MCF	BBL		Соп. ЛР	·I								
(See instru	SI	naces for	addisi	oval data	an veri	rea side)	l	·······	1		<u> </u>							
Joee msiru	Lions and S	puces jor	autilit	онш ишп	on reve	ase sure)												

				3.							
28b. Pro	duction - Inte	erval C		1.00						*****	
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	i C	ias Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	V	Vell Status		
28c. Pro	duction - Inte	rval D		<u> </u>	- L	1	,,, .	<u> </u>		and the state of t	
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	C	ias Gravity	Production Method	
Choke Size	Thg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	v	Vell Status		
	osition of Ga					- -	<u> </u>	•			
				ON 11/18/	05	<u> </u>		1.	31 Formation	n (Log) Markers	
Shov tests,	30. Summary of Porous Zones (Include Aquifers): Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.										Тор
Formation Top Bottom Descriptions, Contents							s, etc.			Name	Meas. Depth
N/A										NAST-	
MIRU PA FREEPO 2093'. M TOH/TA @222'. M	DINT CUT & IIX & PMP 6 G CMT @13 MIX & PMP 2	IDWH NUI LD 4-1/2" 5 SX TOH 340 OK PE 220 SX GO	BOP TOH/ F/2600'. T I/WOC. TIH ER BLM. GI DOD CMT	TBG TIH/BI IH/TBG TO I/TAG CMT RAVEL PAC TO SURFAC	2750'. PMF @1590'. TC CK WELL TO CE. WOC V	P 60 SX F/275 DH FREEPOI O 272'. OK P VELL BORE I	50' & UP TOH INT CUT/LD PER BLM. TIH	H/WOC CSG 8-: H/MIX & O SURF	TIH/TBG PL 5/8" F/1441' PMP 30 SX FACE. DIG	G OUT & CAP W/10 S) LUG @2435'. OK PER . TIH/TBG TO 1500'. M (F/272' TO TOP WOC. OUT & CUT OFF WEL: 11/18/05.	BLM. TOH TO IIX & PMP 90 SX . TIH/TAG CMT
33. Circl	e enclosed at	tachments:									
	lectrical/Meci undry Notice			req'd.) nt verificatio		Geologic Repo Core Analysis		DST Re Other:	port	4. Directional Survey	
36. I here	by certify the	it the foreg	oing and atta	uched inform	ation is com	plete and corre	ect as determin	ned from	all available	records (see attached ins	tructions)*
Name	(please prini) <u>SHEII</u>	LA UPCH	HEGO			Title	F	REGULAT	TORY ANALYST	
Signa	iture	1/2	ulle	. [4]	(ky	[2]	Date	1	1/29/200	5	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET

ROUTING 1. DJJ 2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:			1/6/2006				
FROM: (Old Operator):	TO: (New O	perator):					
N2115-Westport Oil & Gas Co., LP				cGee Oil & Gas Onshore, LP			
1368 South 1200 East		outh 1200		, —			
Vernal, UT 84078	Vernal, UT 84078						
Phone: 1-(435) 781-7024	Phone: 1-(435) 781-7024						
CA No.	Unit:						
WELL NAME SEC TWN RNO	GAPI NO	ENTITY NO	1 1	WELL FYPE	WELL STATUS		
OPERATOR CHANGES DOCUMENTATION							
Enter date after each listed item is completed							
1. (R649-8-10) Sundry or legal documentation was received from th	e FORMER ope	rator on:	5/10/2006				
2. (R649-8-10) Sundry or legal documentation was received from th	e NEW operator	on:	5/10/2006				
3. The new company was checked on the Department of Commerc	e, Division of Co	orporation	s Database on	ı:	3/7/2006		
4a. Is the new operator registered in the State of Utah: YES	Business Numb	er:	1355743-0181				
4b. If NO , the operator was contacted contacted on:	_						
5a. (R649-9-2)Waste Management Plan has been received on:	IN PLACE						
5b. Inspections of LA PA state/fee well sites complete on:	n/a	•					
5c. Reports current for Production/Disposition & Sundries on:	ok	· 					
6. Federal and Indian Lease Wells: The BLM and or the	BIA has appro	ved the r	nerger, name	e chang	ge,		
or operator change for all wells listed on Federal or Indian leases	on:	BLM	3/27/2006 I	BIA	not yet		
7. Federal and Indian Units: The BLM or BIA has approved the successor of unit operator for	er wells listed on:		3/27/2006				
8. Federal and Indian Communization Agreements ('			3/2//2000				
The BLM or BIA has approved the operator for all wells listed	,		n/a				
9. Underground Injection Control ("UIC") The D	ivision has appro	ved UIC F	orm 5, Transf	er of A	uthority to		
Inject, for the enhanced/secondary recovery unit/project for the w	ater disposal wel	l(s) listed of	on:				
DATA ENTRY:							
1. Changes entered in the Oil and Gas Database on:	5/15/2006						
2. Changes have been entered on the Monthly Operator Change Sp	oread Sheet on:		5/15/2006				
3. Bond information entered in RBDMS on:	5/15/2006						
4. Fee/State wells attached to bond in RBDMS on:5. Injection Projects to new operator in RBDMS on:	5/16/2006						
6. Receipt of Acceptance of Drilling Procedures for APD/New on:		n/a	Name Change	- Only			
BOND VERIFICATION:		11/4	Traine Change	Only			
1. Federal well(s) covered by Bond Number:	CO1203						
2. Indian well(s) covered by Bond Number:	RLB0005239						
3. (R649-3-1) The NEW operator of any fee well(s) listed covered b	y Bond Number		RLB0005236				
a. The FORMER operator has requested a release of liability from the The Division sent response by letter on:	eir bond on:	<u>n/a</u>	rider added	KMG			
LEASE INTEREST OWNER NOTIFICATION:							
4. (R649-2-10) The FORMER operator of the fee wells has been con	tacted and inform	ned by a lea	tter from the D	ivision			
of their responsibility to notify all interest owners of this change or		5/16/2006		. 7 401011			
COMMENTS:							

⁴ Form 3160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.			6. If Indian, Allottee or Tribe Name			
SUBMIT IN TRIPLICATE – Other instructions on reverse side		7. If Unit or CA/Agreement, Name and/or No.				
I. Type of Well						
Oil Well X Gas Well Other			8. Well Name and No.			
2. Name of Operator			MUTIPLE WELLS			
KERR-McGEE OIL & GAS ONSHORE LP			9. API Well No.			
	por a mono tron (monate an en conte)					
1368 SOUTH 1200 EAST VERNAL, UT 84078 (435) 781-7024			10. Field and Pool, or Exploratory Area			
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Description))				
OFF ATTACKED				11. County or Parish, State		
SEE ATTACHED			UINTAH COUNTY, UTAH			
12. CHECK APP	ROPRIATE BOX(ES) TO INI	DICATE NATURI	E OF NOTICE.	L	Α	
TYPE OF SUBMISSION			PE OF ACTIO			
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Reclamati	n (Start/Resume)		
Subsequent Report	Casing Repair	New Construction		-	CHANGE OF	
	Change Plans	Plug and Abandor		ily Abandon OPERA		
Final Abandonment Notice	Convert to Injection	Plug Back	Water Dis	posal		
PLEASE BE ADVISED THAT OPERATOR OF THE ATTAKERR-McGEE OIL & GAS OF THE LEASE(S) FOR THE SPROVIDED BY STATE OF BLM BIA	bandonment Notices shall be filed of all inspection. T KERR-McGEE OIL & GCHED WELL LOCATION ONSHORE LP, IS RESPORTED OPERATIONS CONDUCTIONS	GAS ONSHORE IS. EFFECTIVE ONSIBLE UNDE UCTED UPON I BOND NO. RLB A	ELP, IS CONSE JANUARY 6 ER TERMS AILEASE LAND 0005237. PPROVE	SIDERED TO BE THE 6, 2006. ND CONDITIONS OS. BOND COVERAGE CD 5/6/06 CLUSAL U	RECEIVED MAY 1 0 2006	
14. I hereby certify that the foregoin	g is true and correct	Di	vision of Oil,	Gas and Mining		
Name (Printed/Typed) RANDY BAYNE		Title Ea		, Engineering Technicia	n	
Signature		Date	MANGEN			
- Kanky & Sugar	THOOPION	May 9, 2006	OTATELIOE			
Anneoved by	THIS SPACE F	FOR FEDERAL OR	STATE USE	T Date		
Approved by		Title		Date		
Conditions of approval, if any, are attached certify that the applicant holds legal or equ which would entitle the applicant to conduct	itable title to those rights in the subject					
Title 18 U.S.C. Section 1001 make	it a crime for any person knowi	ingly and willfully to	omake to any dei	partment or agency of the Unite	ad States ony	

false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5. Lease Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or reenter an		MULTIPLE LEASES 6. If Indian, Allottee or Tribe Name				
					abandoned well. U	se Form 3160-3 (APD)
SUBMIT IN TRIPLIC	ATE – Other instru	ctions on revers	se side	7. If Unit or CA	A/Agreement, Name and/or No.	
1. Type of Well Oil Well Gas Well	Other			8. Well Name and No.		
2. Name of Operator	Otner			MUTIPLE WELLS		
WESTPORT OIL & GAS COM	IPANY I P			9. API Well No.		
3a. Address 3b. Phone No. (include area code)				•		
1368 SOUTH 1200 EAST VERNAL, UT 84078 (435) 781-7024			10. Field and Pool, or Exploratory Area			
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)						
			11. County or Parish, State			
SEE ATTACHED			UINTAH COUNTY, UTAH			
12. CHECK APPRO	PRIATE BOX(ES) TO I	NDICATE NATURE	E OF NOTICE, R	EPORT, OR OT	HER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION					
Notice of Intent	Acidize	Deepen	=	(Start/Resume)	Water Shut-Off	
Subsequent Report	☐ Alter Casing ☐ Casing Repair	Fracture Treat New Construction	Reclamation Recomplete		Well Integrity	
ouosequent report	Change Plans	Plug and Abandor	-	y Abandon	Other CHANGE OF OPERATOR	
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disp			
Attach the Bond under which the work following completion of the involved ope testing has been completed. Final Aban determined that the site is ready for final in the site is ready for final in the operation of the work following completes. Final Aban determined that the site is ready for final in the complete of the operation of the work following completes the involved operation of the work following completes the involved operation of the involved operation operation of the involved operation of the involved operation operation of the involved operation	erations. If the operation result domment Notices shall be file inspection. 6, WESTPORT OIL & E ATTACHED WELL	Its in a multiple completi d only after all requirem & GAS COMPAN' . LOCATIONS TO	on or recompletion in the one of the or recompletion in the order of t	in a new interval, a mation, have been defined the been determined to the been determined t	Form 3160-4 shall be filed once completed, and the operator has	
		OVED 5	16 06	Whiteness	RECEIVED	
	Ca	rlove Rus	sell		•	
Division of Oil, Gas and Mining Earlene Russell, Engineering Technicia			MAY 1 0 2006			
14. I hereby certify that the foregoing is		,		DIV	OF OIL, GAS & MINING	
Name (Printed/Typed)		Title				
BRAD LANEY		ENGINEERIN	G SPECIALIS	T		
Signature		Date May 9, 2006				
	THIS SPACE	FOR FEDERAL OR	STATE USE			
Approved by		Title		Date		
Conditions of approval, if any, are attacked. A	nnroyal of this potice does not u	warrant or Office		5-9-	06	
certify that the applicant holds legater equitabe which would entitle the applicant to conduct op-	le title to those rights in the sub- erations thereon.	ject lease				
Title 18 U.S.C. Section 1001, make it false, fictitious or fraudulent statements	a crime for any person kno or representations as to any	wingly and willfully to matter within its juriso	make to any depa liction.	artment or agency	of the United States any	



United States Department of the Interior

BUREAU OF LAND MANAGEMENT Colorado State Office 2850 Youngfield Street Lakewood, Colorado 80215-7076

CO922 (MM) 3106

COC017387 et. al.

March 23, 2006

NOTICE

Kerr-McGee Oil & Gas Onshore L.P. 1999 Broadway, Suite 3700 Denver, CO 80202

Oil & Gas

Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell
Martha L. Maxwell
Land Law Examiner
Fluid Minerals Adjudication

Attachment:

List of OG Leases to each of the following offices:
MMS MRM, MS 357B-1
WY, UT, NM/OK/TX, MT/ND, WY State Offices
CO Field Offices
Wyoming State Office

Rider #1 to Bond WY2357 Rider #2 to Bond WY1865 Rider #3 to Bond WY1127



United States Department of the Interior



BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155 http://www.blm.gov

IN REPLY REFER TO: 3106 (UT-922)

March 27, 2006

Memorandum

To:

Vernal Field Office

From:

Chief, Branch of Fluid Minerals

Subject:

Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of Fluid Minerals

Enclosure

Approval letter from BLM COSO (2 pp)

cc:

MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225

State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114

Teresa Thompson

Joe Incardine

Connie Seare

Dave Mascarenas

Susan Bauman

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